Tools on Stage

Catalogue 2013

SIROX®
... provides you with power where you need it!
C.B.I.
C.B.I. is a cable manufacturer from the USA which products are recognized by the high fabrication standards. The cables are ranked among the absolutely top cables world-wide.Their components like jackets, shieldings and plugs comply with the highest professional requirements. Their longevity is combined with outstanding sound performance.
MULTI FIXER
• Fast
• Universal
• Safe
eXpand
stretch covers
New +
Tripod Cover
extremely expandable
crease-resistant
Screens
A quality product of
DIXON
MUSIC STANDS
Since many years this brand is recongnized for stands in highest quality.
The products are characterized by its high-class finish combined with high stability and long life-time.
Our range contains several microphone stands and sheet music stands.
Upon request we can supply drum seats and instrument stands made by Dixon.
ToolPack
TOOL ORGANIZERS
elysee
passt immer
New + New +
Wear of Elysee, the craftsman label in the industrial safety.

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Chess
Tools

SIROX®

C.B.I.

MULTI
FIXER

eXpand
stretch covers

DIXON
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Tools on Stage

About us….

Tools on Stage is your specialized dealer for tools and accessoires in the music and entertainment business. We supply European wide branded products to music instrument retailers via wholesale partners and to rental and event technology companies.

We understand the needs of professionals. Chief among is this one: Tools on Stage sells tools for real users, including our own product management team, which is entirely comprised of musicans and technicians with over 25 years of stage experience and competent tool specialists from the retail trade.

Thanks to global coorperation with selected partners, our product range is constantly adjusted to meet the user needs thus facilitating the stage work and ensuring a strong presence.

Please feel free to contact us,
We look forward to hear from you!

Your - Tools on Stage - team

info@toolsonstage.eu • www.toolsonstage.eu

Chess Tools

Chess Tools

We understand the needs of professionals.

Chief among them is this one: Chess-Tools seils tools far real users, including our own product management team, which is entirely comprised of musicians and technicians with over 25 years of stage experience and competent tool specialists from the retail trade. The professional production of Chess Tools products is constantly challenged by the technical requirements of the European music marke!. Thanks to the global co-operation with selected partners, our product range is constantly adjusted to meet the user needs thus facilitating the stage work and ensuring a strong presence.

Chess Tools

Inhalt

1 lamps & torches 4
1 lamps & torches / Chess-Tools addition. 6
2 transport & safe keeping items 7
2 other cases 9
3 duct tapes and more 12
4 MultiFixer 19
5 safety items. 22
6 tools & more 27
6 tools & more / KNIPEX 32
7 Expand Cover 34
8 Headphones & In EAR 38
9 tester & analyzer. 40
10 other items 43
11 SIROX. 44
11 SIROX / supplement 49
12 batteries & power supplies 51
13 C.B.I. cables 52
14 Roxtone cables 54
15 adaptors 55
16 stageboxes 56
17 DI-Boxes & Mixer 58
18 microphones & more. 60
19 music stands. 61
19 music stands Catfish. 63
20 ToolPack 64
21 work wear 67
21 work wear / supplement 72
22 Stage Wizard 73

1 lamps & torches

CT-001 LED Torch with 9 LEDs

Mini LED torch with 9 bright LEDs
- Small, handy and sturdy
- Size: 90mm x Ø 26mm
- Aluminum body in 4 assorted colours (black, silver, red, blue)
- Large on / off rubber tail switch
- Fits every gigbag
- Long-lasting and bright light using energy saving LED technology
- Powered by 3x 1.5V AAA batteries (not included)
- With 80 mm wrist band

12 torches in Chess-Tools counter-display

CT-002 LED Torch, 3 Watt

3 Watt LED torch with sturdy aluminum body
- Light-weight and handy, 138mm x Ø 38mm
- High-class CREE® LED
- Up to 2.5 hours continuous operation
- 150 Lumen
- 30m range
- 3 function tail switch: 100% Power, 75% Power, Flash function
- Powered by 3x 1.5V AAA batteries (not included)

Packing: Blister card

CT-003 LED Rechargeable Torch, 10 Watt in Alu-Case

10 Watt LED torch in aluminum case incl. 2x 3.7V Lithium-Ion rechargeable batteries, 2400 mAh charging station plus 12V car adaptor
- Sturdy aluminum body , 220,mm x Ø 55 mm
- High-class CREE® LED
- Up to 2 hours continuous operation
- 400 Lumen
- 50,m range
- 3 function tail switch: 100% Power, 75 % Power, Flash function
- Powered by 2x 3.7V Lithium-Ion rechargeable batteries (included)

Packing: Chess-Tools Aluminum case

CT-004 3pcs. Universal LED Lights For Use On Stage

3pcs. self-adhesive LED lights for use on stage
- Brings light into cases, boxes, backstage areas, stairs, wardrobes and any dark places
- Fast and easy installation using self-adhesive fixing plate
- Stage lights can be easily removed from fixing plate
- Simply press the light to toggle on / off
- Long-lasting and bright light using energy saving LED technology
- Powered by each 3x 1.5V AAA batteries (not included)
- Plastic body, size 65x65x30mm

Packing: 3pcs. on Blister card

CT-006 Music Stand Light, Twin Arms

Twin arm plastic LED music stand light
- Easy and fast assembly with spring clamp
- Flexible arms can easily be bent and adjusted
- Lights can be switched separately
- Operated by 3x 1.5V AAA batteries (not included)
- Great value for money

Packing: Chess-Tools blister card with euroslot

CT-007 Mini Quad LED Clip Light

Mini plastic quad LED light,
with spring clamp for easy attachment
- LED technnology gives a long operating time
- Light toggle switch (2 or 4 lights)
- 360° horizontal rotation,
- 90° vertical rotation
- Powered by 2x CR2032 batteries (included)
- Colour: Black
- Perfect for use on stage

12 lights in Chess-Tools counter-display

CT-009 LED Torch, 1 Watt

1 Watt LED torch for technicians,
complete with nylon beltpouch
- Light-weight and handy,
  101mm x Ø 22mm
- High-class CREE® LED
- Up to 2 hours of continuous operation
- 60 Lumen
- 4 function tail switch: 100% Power, 75% Power,
  50% Power, Flash function
- 20m range
- Operated by 1x 1.5V AA battery (not included)
- Nylon pouch with velcro closure

6 torches, blister packed in Chess-Tools counter-display

CT-011 LED Cap

Multifunction LED working cap with 5 bright LED
- High-grade design
- 100 % Cotton
- Black with Chess-Tools Logo
- Adjustable headband
- 5 bright, white LED with additional flash function
- CR2032 battery included
- Perfect for use on stage or in the workshop. Keeps your hands free for working

1 lamps & torches / Chess-Tools addition

CT-016 Stand Light „Catfish“

Lampe zum Anklemmen
- Mit Schalter
- Gehäuse aus Metall
- E14 Fassung
- Bis max. 25 Watt
- Lieferung inkl. Leuchtmittel
- 1,5 m Kabel

FM-022 LED Cap Lamp

Material plastic housing
Colour black
- Iincl. batteries (2 x CR2032)
- To mount on visors
- 5 LEDs alternating switchable

JD-021 LED Accu floodlight 5 Watt

Floodlight with 5 watt LED
- High-class assembly, extremely robust
- 3 hours of continuous light, Daylighht white 860
- Immediately on / off, no preheating
- Efficient heat management guaranteeing a long-life
- Shock and vibration resistant
- No humming and flickering
- Colour Index: CRI 75
- Working temperature: -20° up to + 40°C
- Current: 230 V AC
- Size: 147,5 x 163 x222 mm

JD-022 LED Accu floodlight 10 Watt

Floodlight with 10 watt LED
- High-class assembly, extremely robust
- 8 hours of continuous light, Daylighht white 860
- Immediately on / off, no preheating
- Efficient heat management guaranteeing a long-life
- Shock and vibration resistant
- No humming and flickering
- Colour Index: CRI 75
- Working temperature: -20° up to + 40°C
- Current: 230 V AC
- Size: 218 x 184 x 265 mm

Chess Tools

2 transport & safe keeping items

CT-100 Unversal Microphone Case „Chess-Gold“

Universal aluminum microphone case in shiny gold-coloures finish with EVA foam
Measurements: 430 x 230 x 75 mm (outer size)
- Two-layered pick and pluck foam for easy internal fitting for microphones
- No cutting or glueing necessary
- 2-colour contrast system: If user takes out both layers of pick and pluck foam the golden coloured ground of case becomes visible. User immediately notices if equipment is missing
- Suitable for most microphones and wireless transmitters

Packing: Shrink wrapped with insert label

CT-102 Universal Equipment Case „Chess-Gold“

Universal aluminum equipment case in shiny gold-coloures finish with EVA foam
Measurements: 480 x 380 x 140 mm (outer size)
- Three-layered pick and pluck foam for individual design
- No cutting or glueing necessary
- 2-colour contrastsystem: If user takes out all layers of pick and pluck foam the golden coloured ground of case becomes visible. User immediately notices if equipment is missing
- Perfect for larger items of equipment and bulky accessories

Packing: Shrink wrapped with insert label

CT-101 Standard Universal Case „Chess-Gold“

Standard universal aluminum case in shiny gold-coloures finish with EVA foam
Measurements: 430x310x95mm (outer size)
- Two-layered pick and pluck foam for individual design
- No cutting or glueing necessary
- 2-colour contrastsystem: If user takes out both layers of pick and pluck foam the golden coloured ground of case becomes visible. User immediately notices if equipment is missing
- Perfect for small items of equipment and smaller accessories

Packing: Shrink wrapped with insert label

CT-105 Universal Equipment Case, Black

Universal aluminum equipment case in technical black finish with EVA foam
Measurements: 480 x 380 x 140 mm (outer size)
- Three-layered pick and pluck foam for individual design
- No cutting or glueing necessary
- 2-colour contrastsystem: If user takes out all layers of pick and pluck foam the golden coloured ground of case becomes visible. User immediately notices if equipment is missing
- Perfect for larger items of equipment and bulky accessoriess

Packing: Shrink wrapped with insert label

2 transport & safe keeping items

CT-215 Hand Truck with 2 Luggage Straps

Perfect transport aid for small and medium sized cases
- Aluminum hand truck with large base plate, 280 x 420 mm
- TÜV / GS approved
- Transports up to 70 KG
- Easy and fast set up
- Space-saving - folds down to only 50 mm height
- Fits easily into your car boot
- Soft grip cushion handle for easy carriage and secure grip
- Comes with 2 luggage straps (Ø 10 mm x 900 mm) and a cool(ish) Chess-Tools poster

Packing: Colour box

CT-164 Automatic Tie Down 25 mm x 1.8 m

Tie down with automatic reeling function
Easy loading and quick attachment
- With s-hook
- 1.8 m x 25 mm
- Complies with DIN EN 12195-2
- Sturdy polyester webbing strap
- No more loose strapping thanks to automatic reeling function
- Can be pulled in and out in phases
- Simply press the button to roll up the strap
- The strap is protected from weather and dirt, giving it a longer life
- Straight lift capacity: 300 Kg
- Circular holding capacity: 600 Kg

Packing: Chess-Tools doubleblister

CT-165 AutomaticTie Down 25 mm x 3.0 m

Tie down with automatic reeling function
Easy loading and quick attachment
- With s-hook - 1.8 m x 25 mm
- Complies with DIN EN 12195-2
- Sturdy polyester webbing strap
- No more loose strapping thanks to automatic reeling function
- Can be pulled in and out in phases
- Simply press the button to roll up the strap
- The strap is protected from weather and dirt, giving it a longer life
- Straight lift capacity: 300 KG
- Circular holding capacity: 600 KG

Packing: Chess-Tools doubleblister

CT-166 Automatic Tie Down 50 mm x 1.8 m

Tie down with automatic reeling function
Easy loading and quick attachment
- With s-hook - 1.8 m x 50 mm
- Complies with DIN EN 12195-2
- Sturdy polyester webbing strap
- No more loose strapping thanks to automatic reeling function
- Can be pulled in and out in phases
- Simply press the button to roll up the strap
- The strap is protected from weather and dirt, giving it a longer life
- Straight lift capacity: 750 KG
- Circular holding capacity: 1500 KG

Packing: Chess-Tools doubleblister

CT-167 Automatic Tie Down 50 mm x 3.0 m

Tie down with automatic reeling function
Easy loading and quick attachment
- With s-hook
- 3.0 m x 50 mm - Complies with DIN EN 12195-2
- Sturdy polyester webbing strap
- No more loose strapping thanks to automatic reeling function
- Can be pulled in and out in phases
- Simply press the button to roll up the strap
- The strap is protected from weather and dirt, giving it a longer life
- Straight lift capacity: 750 KG
- Circular holding capacity: 1500 KG

Packing: Chess-Tools doubleblister

GK-315 Aluminum microphone case „Catfish“

Sturdy Transport case made from Aluminum for 12 Microphones
- Soft foam inlay offers space for 12 Microphones and accessories
- Lid with carry handle
- Sturdy design with Aluminum profiles and metal corner protectors

GK-402 ABS Rack Case 19“ 2HU „Catfish“

Made from high-quality ABS with two side lids
- Black colour
- Perfectly suitable for 19“ equipment
- Fixing with perforated rails
- Cases are stackable

GK-403 ABS Rack Case 19“ 3HU „Catfish“

Made from high-quality ABS with two side lids
- Black colour
- Perfectly suitable for 19“ equipment
- Fixing with perforated rails
- Cases are stackable

GK-404 ABS Rack Case 19“ 4HU „Catfish“

Made from high-quality ABS with two side lids
- Black colour
- Perfectly suitable for 19“ equipment
- Fixing with perforated rails
- Cases are stackable

GK-416 ABS Rack Case 19“ 5HU „Catfish“

Made from high-quality ABS with two side lids
- Black colour
- Perfectly suitable for 19“ equipment
- Fixing with perforated rails
- Cases are stackable
- Trolley with sturdy rolls and telescopic handle

Chess Tools

2 transport & safe keeping items / other cases

GK-445 Tool Case „Catfish“

Professional flight case on rolls for tools and accessories
- Black colour
- Laminated wood with scratch-resistant surface
- Sunk-in butterfly locks
- Spring back folding handles
- „On the road“ approved aluminum profiles and ball corners
- Four steerable heavy duty rolls, two with brake
- Two inserts with compartments in different sizes
- Inner size: 530 x 375 x 375 mm
- Outer size: 560 x 400 x 400 mm

GK-602 19“ Mixer Case angled „Catfish“

Mixer case for 19“ rackmount mixers
- Laminated wood with scratch-resistant surface
- Aluminum Profiles, ball corners, folding handles
- With lid
- Angled perforated rails allow angular assembly
- 8 height units

GK-601 19“ Mixer Case „Catfish“

Mixer case for 19“ rackmount mixers
- Laminated wood with scratch-resistant surface
- Aluminum Profiles, ball corners, folding handles
- Butterfly locks
- With lid
- Shipment without contents

GK-416 19“ Mixer Case angled „Catfish“

Mixer case for 19“ rackmount mixers
- Laminated wood with scratch-resistant surface
- Aluminum Profiles, ball corners, folding handles
- With lid
- Angled perforated rails allow angular assembly
- 8 height units

GK-604 Mixer/CD Player Case „Catfish“

Perfect Flight case for a 10“ mixer and two CD players
- Laminated wood with scratch-resistant surface
- Aluminum Profiles and ball corners in heavy duty style
- Spring back folding handles
- Detachable lid
- Shipment without contents

GK-603 Record player Case silver „Catfish“

Aluminum flight case for record players
- Broad aluminum profiles and metal corner protectors
- Sunk-in butterfly locks
- Detachable lid
- Shipment without contents

CT-219 Cable Fixing Set for Racks, 50 pcs.

50pcs. set avoids cable tangling by ensuring tidy cable guidance with strain relief and colour guide system
Contents:
- 2 cable fixing plates that match most used cable diameters
- 24 cable ties with colour guide
- 6 flexible cable clamps
- 6 press on tapes
- 12 cable clips with colour guide

Packing: Chess-Tools colour box 215 x 70 x 55 mm

3 duct tapes and more

CT-200 Cloth Duct Tape On Roll, 50 m, black

CT-201 Cloth Duct Tape On Roll, 50 m, silver

CT-202 Cloth Duct Tape On Roll, 50 m, white

Cloth duct tape on roll, black, silver, white
- 50 m x 50 mm
- Especially for on stage use
- Strong model
- High tensile strength
- Easy processing on most materials i.e. wood, metal, textiles, glass, plastics, stone

CT-212 Strong Cloth Duct Tape, 50 m, black

Black, dim premium cloth duct tape on roll
- 50 m x 50 mm
- High adhesive power on various surfaces
- Soft roll off and easy tearing by hand
- Operating temperature range - 10° to 55°C, can withstand peaks up to 80°C
- Especially suitable for professional on and backstage usage

CT-203 Cloth Duct Tape, 10 m, black

CT-204 Cloth Duct Tape, 10 m, silver

CT-205 Cloth Duct Tape, 10 m, white

Cloth duct tape, black, silver, white
- 10 m x 50 mm
- Extra small and flat version for users with small demand
- Space-saving version (extremely flat) for tight spaces
- Fits EVERY case
- Strong model
- High tensile strength
- Adheres to most materials i.e. wood, metal, textiles, glass, plastics, stone

Packing: Blister card

CT-207 Premium Cloth Duct Tape, 50 m, black

CT-208 Premium Cloth Duct Tape, 50 m, silver

CT-209 Premium Cloth Duct Tape, 50 m, white

White, dim premium cloth duct tape on roll
- 50 m x 50 mm
- High adhesive power on various surfaces
- Soft roll off and easy tearing by hand
- Operating temperature range - 30° to 55°C, can withstand peaks up to 80°C
- Especially suitable for professional on and backstage usage
- Easy removal without leaving marks

CT-216 Professional Cloth Duct Tape, 50 m, ultra-mattblack

Black, ultra-matt gaffer-tape on roll, 50 m x 50 mm
- Premium quality for highest performance
- Operating temperature range - 30° to 80°C, can withstand peaks up to 110°C
- Outstanding adhesive power on various surface
- Easy to roll off and to tear manually
- Quick removal without leaving marks
- Made in Germany

CT-217 Premium Cloth Duct Tape, 50 m, black matt

Black-matt, dim premium cloth duct tape on roll
- 50m x 50mm
- High adhesive power on various surfaces
- Soft roll off and easy tearing by hand
- Operating temperature range - 30° to 55°C, can withstand peaks up to 80°C
- Especially suitable for professional on and backstage usage
- Easy removal without leaving marks

CT-218 Tunnel Tape, 25 m, black

Black tunnel tape with deactivated glue in center line, 25 m x 150 mm
- Cables can simply be pulled through and re-positioned
- Prevents risks of stumbling on and off stages
- Cost-saving alternative to hard-plastic cable bridges
- Quick removal without leaving marks
- Does not stick to your cables
- Made in Germany

CT-170 10pcs. Insulating Tape Set, VDE, 10m, coloured

10pcs. Insulating tape set
- 10 m x 15 mm
- Use for coloured cable markers and cable harnesses
- Complies with VDE 0340-DIN 40633-K10
- High-grade soft PVC foil, combined with non-aging acrylate glue
- One roll each of assorted colours: black, white, violet, red, blue, green-yellow, green, yellow, ivory, grey, brown
- Thickness 0.15mm
- Highly flexible and strong adhesion
- The superior material properties remain unchanged at different temperature levels
- Fire-resistant, tear-resistant and nonaging

Packing: Shrink wrapped with label

CT-179 Insulating Tape, VDE, 15 mm x 25 m, white

CT-181 Insulating Tape, VDE, 15 mm x 25 m, grey

CT-183 Insulating Tape, VDE, 15 mm x 25 m, black

Insulating tape, white, grey, black
- 25 m x 15 mm
- Complies with VDE 0340-DIN 40633-K10
- High-grade soft PVC foil, combined with nonaging acrylate glue
- Thickness 0.15 mm
- Highly flexible and strong adhesion
- The superior material properties remain unchanged at different temperature levels
- Fire-resistant, tear-resistant and nonaging

bulk packed

3 duct tapes and more

CT-180 PVC Insulating Tape 19 mm x 25 m, grey

CT-182 PVC Insulating Tape 19 mm x 25 m, black

PVC tape, grey, black
- 25 m x 19 mm
- Thickness 0.15 mm
- Highly flexible and strong adhesion
- Easy Fixings in no time

Packing: Shrink wrapped with label

CT-206 Non Slip Glow In The Dark Tape, 5 m

Non slip glow in the dark tape, 5m x 25mm
- Non slip tape gives slipping protection for all smooth and slippy surfaces
- Glow in the dark capacity: Tape glows most powerfully in the first 30 minutes. It is still visible in the dark for several hours afterwards

Packing: Each roll shrink wrapped with label with integrated euroslot

CT-222 Highlight Tape 25 m x 19 mm neonorange

CT-223 Highlight Tape 25 m x 19 mm neonyellow

CT-224 Highlight Tape 25 m x 19 mm neonpink

CT-225 Highlight Tape 25 m x 19 mm neongreen

Fluorescent 120 mesh gaffertape in different colours,
25 m x 19 mm on roll
- High adhesive power and abrasion-resistance
- Especially suitabe for all marks on stage
- Highly visible under black light
- Can be used for coloured cable marks and cable harnesses
- Quick removal without leaving marks
- Non reflecting and easy to mark
- Premium Quality

Packing: Each roll shrink wrapped with Chess-Tools label and Euroslot hanger

CT-232 Highlight Tape 25 m x 30 mm neonorange

CT-233 Highlight Tape 25 m x 30 mm neonyellow

CT-234 Highlight Tape 25 m x 30 mm neonpink

CT-235 Highlight Tape 25 m x 30 mm neongreen

Fluorescent 120 mesh gaffertape in different colours,
25 m x 30 mm on roll
- High adhesive power and abrasion-resistance
- Especially suitabe for all marks on stage
- Highly visible under black light
- Can be used for coloured cable marks and cable harnesses
- Quick removal without leaving marks
- Non reflecting and easy to mark
- Premium Quality

Packing: Each roll shrink wrapped with Chess-Tools label and Euroslot hanger

CT-226 Marking Tape, 30 m, white

Premium PVC marking tape with embossed surface,
30 m x 30 mm, white
- Embossed surface allows easy and straight tearing by hand
- Write-on surface
- No glue residues
- Especially suitable for temporary marks on mixing desks on stage and in studios

CT-227 Warning Tape, 30 m, red / white

PVC Warning tape, red / white, 30 m x 50 mm
- Instantly accessible
- Strong adhesion, even on rough surfaces
- Lo-stretch, does not curl once applied
- Strongly resistant to abrasion - resists walking and traffic
- Easy to tear manually

CT-228 Warning Tape, 30 m, yellow/black

PVC Warning tape, yellow / black, 30m x 50mm
- Instantly accessible
- Strong adhesion, even on rough surfaces
- Little elongation, does not curl once applied
- Strongly resistant to abrasion - resists walking and traffic
- Easy to tear tearing manually

CT-229 Double-sided Cloth Carpet Tape 25 m x 50 mm

Double-sided cloth carpet tape especially for exhibitions and events
- 25 m x 50 mm
- Colour: White
- Adhesive: Acrylate
- Thickness: 0.22 mm
- Especially suitable for exhibition stands, rental objects and public institutions
- Quick removal without leaving marks on most surfaces
- Made in Germany

3 duct tapes and more

CT-231 Quick Action Bar Clamp 150 mm

Quick action bar clamp, 0 - 150 mm
- Clamp for quick fixings on and off stage
- Sturdy plastic housing with soft grip for comfortable work
- Protectve jaw shields prevent damage to fixed materials and components
- Quick release lever for easy removal
- Heavy duty metal bar 6 x 19mm for rigid grip
- Can be used as a spreader clamp, 140 - 310 mm

Packaging: bulk with barcode label

CT-242 Spring Clamp 6

Sturdy spring clamp 6“, 160 mm with clamping jaws
- Perfect for fixing heavier decoration material on and off stage
- Small and handy size
- Colour: matt black, jaws grey
- Clamping width: 65 mm
- High clamping force
- Jaws with V-shaped profile for clamping on round surfaces
- More sizes available

CT-241 Spring Clamp 4“

Sturdy spring clamp 4“, 115 mm with clamping jaws
- Perfect for fixing decoration material on and off stage
- Small and handy size
- Colour: matt black, jaws grey
- Clamping width: 45 mm
- High clamping force
- Jaws with V-shaped profile for clamping on round surfaces
- More sizes available

CT-237 Cable Ties, 100 pcs., 3.6 x 290 mm, black

CT-238 Cable Ties, 100 pcs., 4.8 x 290 mm, black

CT-239 Cable Ties, 100 pcs., 4.8 x 390 mm black

Cable tiesmade in Europe in different sizes, colour: black
- Tensile strength (KG) 6.0 - 110
- Material PA 6.6
- Operating temperature range: -40°C to +85°C - can withstand peaks up to 110°C
- Complies with UL 94 V2
- Produced in compliance with ISO 14001
- UV stabilized black colour
- Good resistance against Alkalines, oils, greases and chlorine solvents

Packaging: 100 Cable ties in polybag with Chess-Tools label and Euroslot

CT-220 Hook and Loop Fasteners, 6pcs, 200 mm

Hook and loop fasteners, 6pcs, 200 mm
- Perfect for cable bundling
- Re-usable
- Quick and simple use
- Does not damage cables
- With additional loop for hanging on hooks or nails
- Colour: black
- Measurements: 200 x 12 mm

Packing: Polybag with header card

CT-246 10 Hook and Loop Fasteners with Metal Ring 225x20mm

Hook and loop fasteners with metal ring
- Each set contains 10pcs.
- Colour coded sizes (red, yellow, blue, green)

- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with Chess-Tools header card

CT-247 10 Hook and Loop Fasteners with Metal Ring 310x20mm

Hook and loop fasteners with metal ring
- Each set contains 10pcs.
- Colour coded sizes (red, yellow, blue, green)

- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with Chess-Tools header card

CT-248 10 Hook and Loop Fasteners with Metal Ring 400x40mm

Hook and loop fasteners with metal ring
- Each set contains 10pcs.

- Colour coded sizes (red, yellow, blue, green)
- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with Chess-Tools header card

CT-249 10 Hook and Loop Fasteners with Metal Ring 620x50mm

Hook and loop fasteners with metal ring
- Each set contains 10pcs.

- Colour coded sizes (red, yellow, blue, green)
- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with Chess-Tools header card

CT-300 100 Hook and Loop Fasteners with Metal Ring, yellow

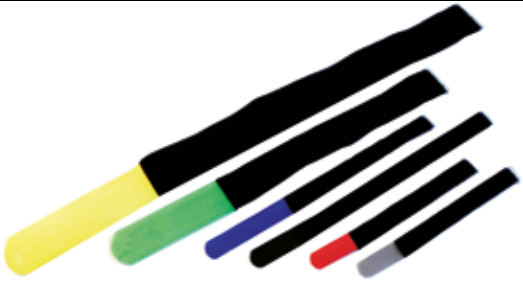
CT-301 100 Hook and Loop Fasteners with Metal Ring, blue

CT-302 100 Hook and Loop Fasteners with Metal Ring, green

CT-303 100 Hook and Loop Fasteners with Metal Ring, grey

CT-304 100 Hook and Loop Fasteners with Metal Ring, red

CT-305 100 Hook and Loop Fasteners with Metal Ring, black



Hook and loop fasteners with metal ring 215 x 20 mm
- Suitable for permanent fixing on microphone and speaker cables up to 10m length
- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with label

3 duct tapes and more

CT-306	100 Hook and Loop Fasteners with Metal Ring, yellow
CT-307	100 Hook and Loop Fasteners with Metal Ring, blue
CT-308	100 Hook and Loop Fasteners with Metal Ring, green
CT-309	100 Hook and Loop Fasteners with Metal Ring, gray
CT-310	100 Hook and Loop Fasteners with Metal Ring, red
CT-311	100 Hook and Loop Fasteners with Metal Ring, black

100 Hook and loop fasteners with metal ring, 310 x 20 mm
- Suitable for permanent fixing on microphone and speaker cables up to 15 m length
- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with label

CT-318	25 Hook and Loop Fasteners with Metal Ring, yellow
CT-319	25 Hook and Loop Fasteners with Metal Ring, blue
CT-320	25 Hook and Loop Fasteners with Metal Ring, green
CT-321	25 Hook and Loop Fasteners with Metal Ring, gray
CT-322	25 Hook and Loop Fasteners with Metal Ring, red
CT-323	25 Hook and Loop Fasteners with Metal Ring, black

25 Hook and loop fasteners with metal ring, 620 x 50 mm
- Suitable for permanent fixing
- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with label

CT-312	50 Hook and Loop Fasteners with Metal Ring, yellow
CT-313	50 Hook and Loop Fasteners with Metal Ring, blue
CT-314	50 Hook and Loop Fasteners with Metal Ring, green
CT-315	50 Hook and Loop Fasteners with Metal Ring, gray
CT-316	50 Hook and Loop Fasteners with Metal Ring, red
CT-317	50 Hook and Loop Fasteners with Metal Ring, black

50 Hook and loop fasteners with metal ring, 400 x 38 mm
- Suitable for permanent fixing
- Useful for bundling cables
- Reusable
- Quick and easy use
- No deformed cables
- With metal ring

Packaging: Polybag with label

Chess Tools

MULTI FIXER

- Fast
- Universal
- Safe

MULTI FIXER

4 MultiFixer Hangers, Sorters, Fasteners

The MultiFixer is the perfect solution for all tying, securing and fastening problems on and off stages.

Made from UV resistant nylon MultiFixer consists of two parts - the hook and fixing strap.

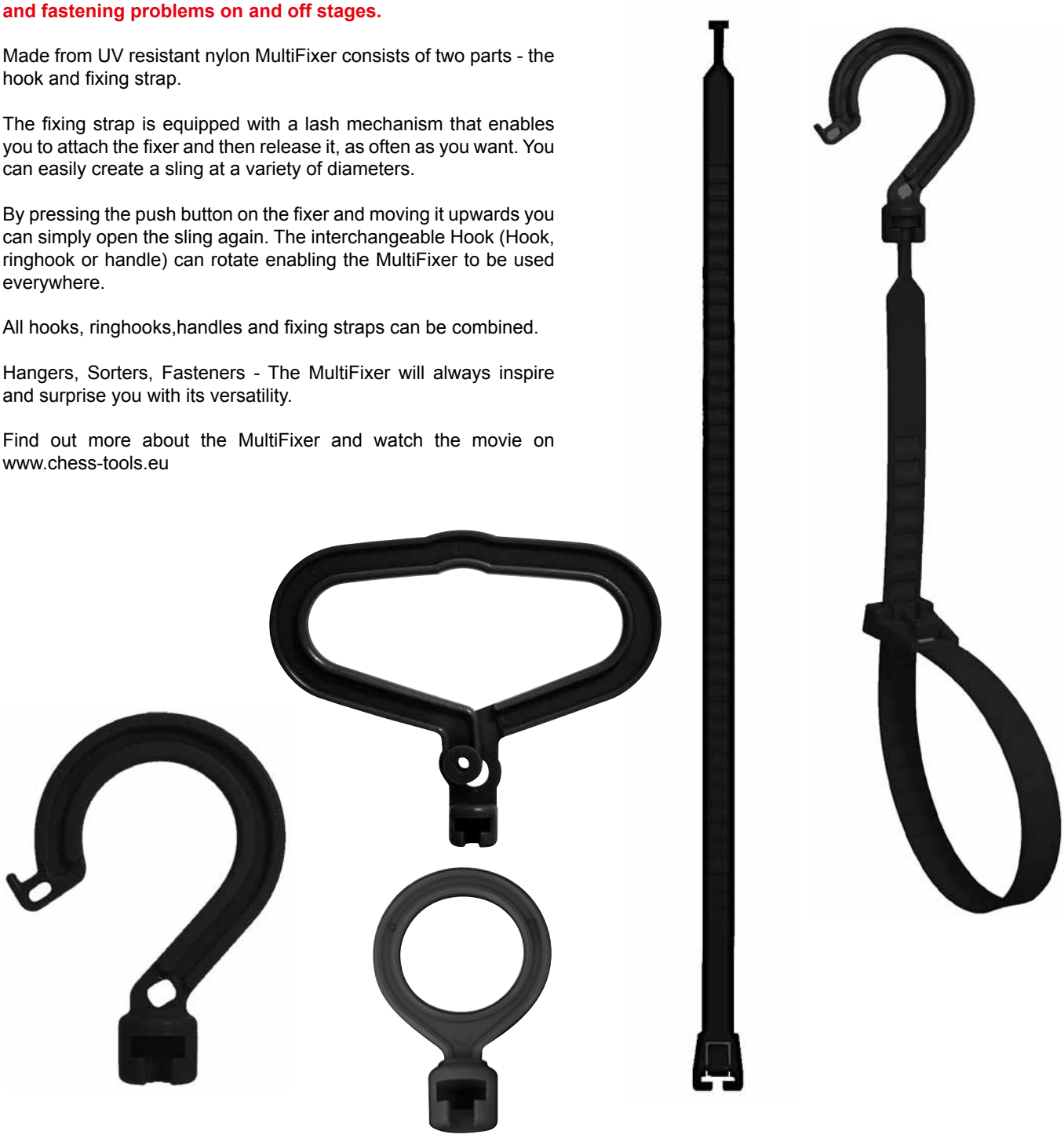
The fixing strap is equipped with a lash mechanism that enables you to attach the fixer and then release it, as often as you want. You can easily create a sling at a variety of diameters.

By pressing the push button on the fixer and moving it upwards you can simply open the sling again. The interchangeable Hook (Hook, ringhook or handle) can rotate enabling the MultiFixer to be used everywhere.

All hooks, ringhooks,handles and fixing straps can be combined.

Hangers, Sorters, Fasteners - The MultiFixer will always inspire and surprise you with its versatility.

Find out more about the MultiFixer and watch the movie on www.chess-tools.eu



MULTI FIXER

4 MultiFixer Hangers, Sorters, Fasteners

Art.Nr.	Beschreibung	Länge	Tragkraft	Ø	VE	GTIN
CT-383	MultiFixer 400 mm	400 mm	25 KG		10	4260120283837
CT-384	MultiFixer 500 mm	500 mm	25 KG		10	4260120283844
CT-390	MultiFixer 250 mm + small hook	250 mm	3 KG	20 mm	10	4260120283905
CT-392	MultiFixer 400 mm + medium hook	400 mm	10 KG	30 mm	10	4260120283929
CT-393	MultiFixer 500 mm + large hook	500 mm	10 KG	50 mm	10	4260120283936
CT-380	MultiFixer extension 300 mm	300 mm	25 KG		10	4260120283806
CT-373	MultiFixer lockhook 2 pcs.		25 KG	30 mm	10	4260120283738
CT-374	MultiFixer large hook		10 KG	50 mm	10	4260120283745
CT-370	MultiFixer ringhook 2 pcs.		20 KG	25 mm	10	4260120283707
CT-375	MultiFixer handle		20 KG	50 mm	10	4260120283752

For quick approach into fascinating MultiFixer two starter kits are available.

CT-396	MultiFixer Set 1 (Inhalt: 1x CT-390, 1x CT-392, 1x CT-393)				10	4260120283967
CT-397	MultiFixer Set 2 (Inhalt: 1x CT-375, 1x CT-380, 1x CT-383)				10	4260120283974
CT-399	MultiFixer Set „All In“ CT-370, 2 x Ringhook, CT-373, 2 x Lockhook, CT-374, 1 x large Hook, CT-375, 1 x Handle CT-380, 1 x Extansion 300 mm, CT-383, 1 x MultiFixer 400 mm, CT-384, 1 x MultiFixer 500 mm, CT-390, 1 x MultiFixer 250 mm + small Hook CT-392, 1 x MultiFixer 400 mm + medium Hook, CT-393, 1 x MultiFixer 500 mm + large Hook					

CT-370

CT-373

CT-374

CT-375

CT-380

CT-383

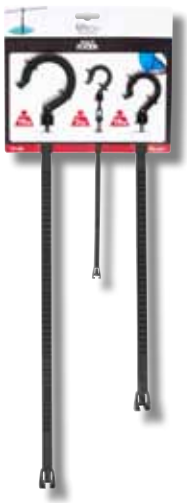
CT-384

CT-390

CT-392

CT-393

CT-396



CT-397

Chess Tools

5 safety items

CT-254 Contrast Enhancing Glasses yellow

Protective contrast-enhancing glasses
- CE, EN 166, optical class 1
- Especially suitable for use in workshops, while programming light shows on stage or while show performances on stage
- This spectacle is designed to provide a universal fit
- Protects against mechanical strengths (F, low energy impact)
- Lens made from Polycarbonate
- Earpiece black, lens yellow
- Anti-mist lens
- Lightweight, frameless model

CT-256 Freelife Sunglasses „smoke“

Freelife sunglasses with UV 400 protection
- CE, EN 166, optical class 1
- Especially suitable for use during show performances on stage or as regular sunglasses
- Can be worn as safety spectacles as well.
- This spectacle is designed to provide a universal fit
- Protects against mechanical strengths (F, low energy impact)
- Lens made from Polycarbonate
- Anti-mist lens
- Lightweight, frameless model

Counter-display available upon request

CT-257 Freelife Spectacles „light gold“

Slightly tanned freelife spectacles in fashionable design
- CE, EN 166, optical class 1
- Especially suitable for use during show performances on stage
- Can be worn as safety spectacles as well.
- This spectacle is designed to provide a universal fit
- Protects against mechanical strengths (F, low energy impact)
- Lens made from Polycarbonate
- Anti-mist lens
- Lightweight, frameless model

Counter-display available upon request

CT-265 Bump Cap

Industry bump cap made from cotton with inside ABS shell.
Protects your head while setting up stages
- EN 812
- Comfortable to wear
- Velcro-adjustable size
- Ventilation holes on the side
- Dark colours

Each cap comes with safety instructions

FM-006 Safety Helmet ROCKMAN C3

Standard EN 397
Material helmet shell: Polyethylene Head size 54-62 cm
Colours /001- yellow; /002 - white; /003 - green; /004 - red; /005 - orange; /006 - blue
- high load helmet shell of modern mesh structure; shell absorbs the shock before the inside fittings
- upper ventilation openings (chimney effect)
- reception device for chin belt
- neck protection - rain gutter
- 30 mm plug pockets for the reception of accessories
- full plastic internal fittings with 6 point suspension
- cold resistance –30°C
- weight approx. 327 g
- sweatband of Eladon - Pinlock fastener

CT-268 Back Support

Working belt and back support in one!
- Perfect support for the back
- Black beltends made from faux leather
- Nylon profile with extra padding
- With 10 metal eyelets
- One size fits all
- Size: 170 x 1500 mm

Packaging: Toolpack colour box

CT-269 Back Support Belt

Back support with shoulder straps
- Perfect support for the back - Elastic micro mesh
- Breathable - Adjustable shoulder straps, removable
- One size fits all
- Supports back and waist muscles, lower back and backbone
- Muscle tensions and wear and tear are reduced
- Can be worn under or over work clothes

Packaging: Foilbag with Toolpack insert card

FM-266 Fielding strap and tether

Standard DIN EN 361 / DIN EN 358
Colour green/red
- universal size
- D ring in the back part, two D rings at the tether
- wide padded back part
- infinite adjustment of the leg straps
- breast strap with quick-release fastener
- tether width 45 mm

FM-267 Safety Set

Complete safety set in a robust plastic portable case, consisting of:
- fielding strap
- fallstop Stopcorde
- 20 m rope, 16 mm diameter

CT-270 Ear Plug Box, 50 pairs

50 pairs ear plugs made of polyurethane foam
- For one-time use
- Easy and quick use
- Medium sound absorbing (SNR) 33 db
- Supplied in stylish Chess-Tools amplifier counter-display. Contains 50 pairs of ear plugs packed in polybag
- Simply open the display box and gain more turnover

CT-271 Ear Plugs „Comfortplug“, 4pcs.

Reusable ear plugs „Comfortplug“ in handy plastic carry case
- CE, EN 352-2
- Perfect for use while working in loud areas on stage
- SNR 37dB, (H=36, M=34, L=33)

Packaging: Chess-Tools blistercard with euroslot

CT-272 Ear Plugs „Superfit“ with cord

Reusable ear plugs „Superfit“ with cord in handy plastic carry case
- CE, EN 352-2
- Perfect for use while working in loud areas on stage
- Easy carry plastic case with belt clip
- SNR 30dB, (H=32, M=27, L=24)

Packaging: Chess-Tools blistercard with euroslot

5 safety items

CT-274 Professional Ear Muffs

Professional ear muffs with adjustable headband made from cushioned steel wire
- CE, EN 352-1, 2002
- Perfect for use while working in extremely loud areas
- SNR 28dB, (H=31, M=26, L=19)
- Replaceable earpads

Packaging: Chess-Tools blistercard with euroslot

CT-277 Technician‘s Gloves, with 3 Open Fingers, size L 9

CT-278 Technician‘s Gloves, with 3 Open Fingers, size XL 10

Tough gloves for technicians with 3 open fingers, size L 9, XL 10 for highest performance
- CE, EN 388, CAT II
- High wearing comfort due to HighTech synthetic leather, with spandex back of the hand
- Knuckle protection in flexible neoprene
- Secure fit using hook and loop fasteners at the wrist
- Padded reinforcement in palm
- Breathable
- Skid-proof
- Low-vibration

Packaging: Individual pair of gloves with header card

CT-280 Technician‘s Gloves, size L 9

CT-281 Technician‘s GLoves, size XL 10

Tough gloves for technicians, size L 9, XL 10 for highest performance
- CE, EN 388, CAT II
- High wearing comfort due to HighTech synthetic leather, with spandex back of the hand
- Secure fit using hook and loop fasteners at the wrist
- Breathable
- Skid-proof
- Low-vibration

Packaging: Individual pair of gloves with header card

CT-283 Fine Knitted Gloves, Lint-Free, size L9

Fine knitted gloves for fingerprint free handling of sensitive instruments
- Complies with EN 420
- Lint-free, without coating
- Colour: white
- Fits as a second skin, secure grip
- Good sense of touch
- Material: 100 % Polyamide

Packaging: Header card with manual

CT-286 Technician‘s Fine Knitted Gloves, Lint-Free, size M 8

CT-288 Technician‘s Fine Knitted Gloves, Lint-Free, size XL 10

Nahtlose Nylon-Strickhandschuhe für Arbeiten im Feinmechanik-
Seamless fine knitted gloves for sensitive technical work
- Complies with EN 388, CAT II
- Insensitive to dirt
- Lint-free
- Grey polyurethan coating
- Fits like a second skin, secure grip
- Good sense of touch
- Material: 100 % Polyamide

Packaging: Header card with manual

FM-276 Elysee Technician‘s Gloves, with 3 Open Fingers, Size M 8

FM-277 Elysee Technician‘s Gloves, with 3 Open Fingers, Size L 9

FM-278 Elysee Technician‘s Gloves, with 3 Open Fingers, Size XL 10

Material palm robust artificial leather
Colour black
- excellent fit by the soft inner hand material and the elastic back of the hand
- roughed, robust artificial leather reinforcement in the bearing zones
- open thumb, forefinger and middle finger for all works at which dexterity is in demand
- padded reinforcement palm
- safe fit by velcro at the wrist
- knuckle protection from a flexible neoprene
- paired in blister pack

KW-279 „Freelife“ Handgloves, high quality nappa leather, Size M 8

KW-280 „Freelife“ Handgloves, high quality nappa leather, Size L 9

KW-281 „Freelife“ Handgloves, high quality nappa leather, Size XL 10

Gloves for Musicians and Technicians with velcro wrist fastener, for highest performance
- CE, EN 420, CAT I
- High wearing comfort due to high quality nappa leather, with spandex back of the hand

Packaging:Individual pair of gloves with kwb header card

FM-279 Elysee Mechanicals Gloves, Size M 8

FM-280 Elysee Mechanicals Gloves, Size L 9

FM-281 Elysee Mechanicals Gloves, Size XL 10

Material inner hand robust artificial leather
Colour black/blue
- with inner hand reinforcement by an additional artificial leather application
- knuckle protection from a flexible neoprene
- form of the inner hand reinforcement is adapted to the ergonomics and the loading zones

Chess Tools

5 safety items

FM-876 Elysee Mechanicals RIGGER, Size M 8

FM-877 Elysee Mechanicals RIGGER, Size L 9

FM-878 Elysee Mechanicals RIGGER, Size XL 10

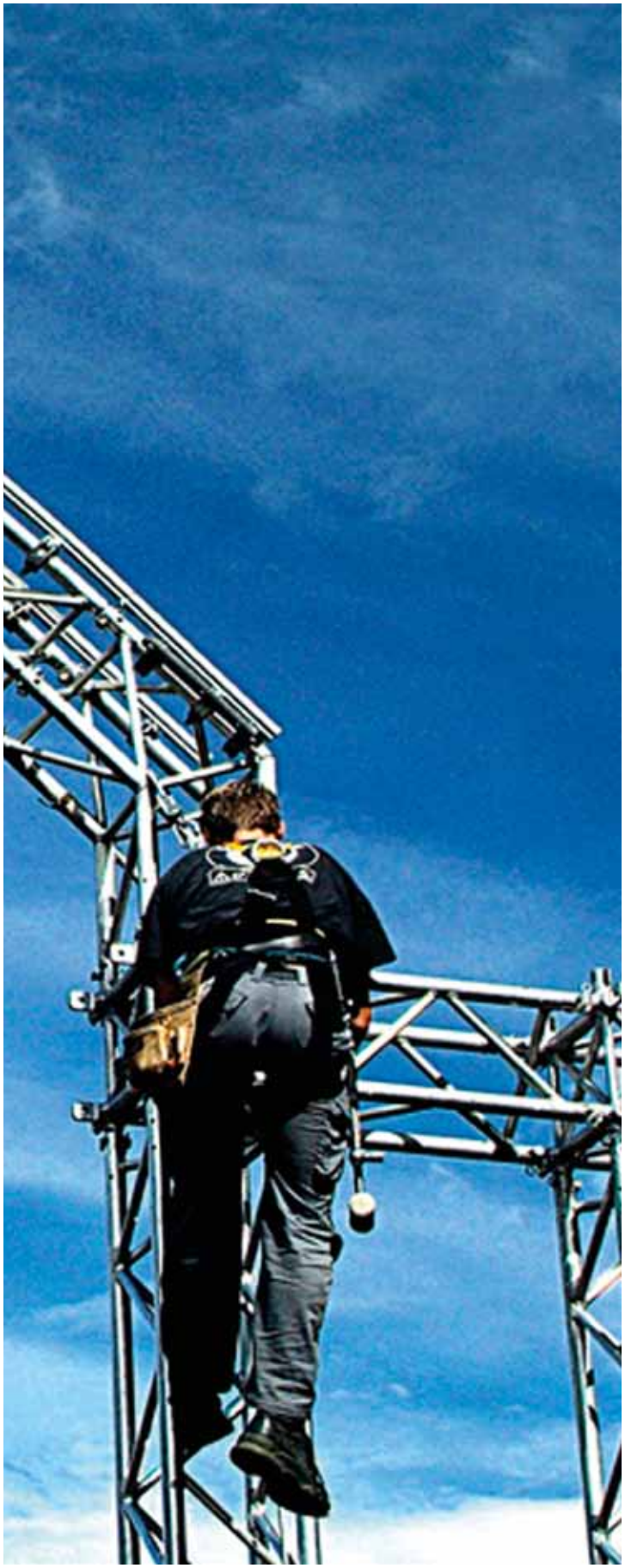
Material palm robust artificial leather
Colour black/grey
- excellent fit by the soft inner hand material and the elastic back of the hand
- soft extensive artificial leather reinforcement in the palm
- safe fit by velcro at the wrist
- completely lined
- paired in blister pack

FM-873 Elysee Premium Gloves, COMMANDER, M 8

FM-874 Elysee Premium Gloves, COMMANDER, L 9

FM-875 Elysee Premium Gloves, COMMANDER, XL 10

Material inner Hand deerskin
for highest performance
- with velcro wrist fastener,
- 50% leather, 36% Elastan, 11% Neoprene, 3% PVC
- extreme softness and flexibility by unequalledly soft deerskin
Packing: Each pair in Elysee blister pack



CT-400 Ratchet Screwdriver and Bit Set 92pcs.

92 piece ratchet screwdriver and bits set in a sturdy aluminum case
- Including security bits
- Material: Chrome vanadium
- Ratchet handle and aluminum box in original Chess-Tools design

Contents:

MK-022 Kress cordless screwdriver with bits, 46pcs.

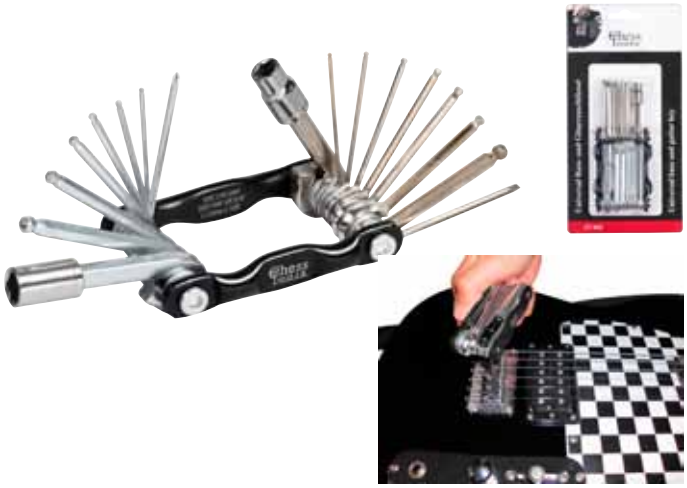
Kress cordless screwdriver with bits, 46pcs.
1 x cordless screwdriver Lithium-Ion by „Kress“
1 x charging station / 1 x charging plug
1 x magnetic bit holder / 1 x hook screw bit
25 x screwdriverbits 25 mm S2-steel
PH1, PH2, PH2,PH3, PZ1, PZ2, PZ2, PZ3, FL4,FL6, S4, S6,S8, S10, T10, T15, T20, T25, T30, H2.0, H2.5,H3.0, H4.0, H5.0, H6.0
12 x srewdriver bits 70 mm S2-steel
PH2, PZ2, FL4, S4, S6, S8, S10, T10, T15, T20, T25, T30
4 x Titan drill bits with hex shank 3mm, 4 mm, 5 mm, 6 mm
Alltogether packed in a sturdy aluminium case

CT-401 Mini Screwdriver and Bit Set 11pcs.

11 piece top quality mini screwdriver and bits set. Specially selected to contain most important screw types
- Modern and handy plastic case with flip-top lid and revolving screwdriver bit storage
- Magnetic bit holder 60mm
- Screwdriver handle with quick release function in original Chess-Tools design
- 9 high grade screwdriver bits made from S2 Steel

Packaging: 12 Sets on blister cards in Chess-Tools display box

CT-402 Set of Universal Bass and Guitar Allen Keys



17 piece universal bass and guitar allen key set. Contains the +most important allen keys in mm and inch
Set contains:
- 6x Ball point hex key: 5mm, 4mm, 3mm, 2.5mm, 2mm, 1.5mm
- 7x Ball point hex key: 1/20“, 1/16“, 5/64“, 3/32“, 7/64“, 1/8“, 3/16“
- 1x Flat 2.5mm, 1x PH no. 1 (cross)
- Each one socket 5/16“ and 1/4“ for the rod
- All keys made from high-grade chrome-vanadium steel
- Sockets exchangeable
- Sizes suitable for nearly all guitars and bass

Each set mounted on Chess-Tools blistercard with euroslot

6 tools & more

CT-403 Truss Key

Lightweight, sturdy aluminium truss key.
Carabiner snap hook or rope loop can be fixed through the end-hole.
- Fits butterfly screws
- Limits the risk of material damage during stage assembly and breakdown

Packaging: PVC bag with Chess-Tools label

CT-430 Multitool with Pouch

Universal multifunction stage pliers with handy nylon pouch
- 10pcs. Professional tool set made from 2CR stainless steel
- Open dimensions 167x70mm
- Folded dimensions 105x45mm
- 2 colour anodized aluminum handle
- Self-opening sprung combination plier head
- Nylon pouch with belt loop

Packaging: 6 Multitools, blister packed in Chess-Tools counter-display (325x140x425mm)

CT-431 Multitool „Mini“ with Pouch

Small universal multifunction stage pliers with handy nylon pouch
- 10 piece Professional tool set made from 2CR stainless steel
- Open size 111x70mm
- Folded size 72x45mm
- 2 colour anodized aluminum handle
- Self-opening sprung combination plier head
- Nylon pouch with belt loop

Packaging: 6 Multitools, blister packed in Chess-Tools counter-display (325x140x425mm)

CT-432 Multitool and Knife with Pouch

Universal multifunction stage pliers and folding knife with handy nylon pouch
- 11 piece professional tool set made from 2CR stainless steel
- Multitool open size 167x70mm
- Multiool folded size 105x45mm
- 2 colour anodized aluminum handle
- Self-opening sprung combination plier head
- Knife with blade locking mechanism
- Nylon pouch with belt loop

Packaging: 6 Multitools with knife, blister packed in Chess-Tools counter-display (325x140x425mm)

CT-470 4pcs. Pliers set

Premium pliers set, TUV GS approved
Contents:
- 1 Side cutting pliers 160mm
- 1 Combination pliers 160mm
- 1 Telephone pliers 160mm
- 1 Wire stripping pliers 160mm
- All pliers made from Chrome vanadium steel
- With high-class two compound handle
- Packing: Chess-Tools blister card

CT-440 XLR Cable Stripper

The first cable stripper that works for XLR and musicians cables. Strips cables quickly just with the force your hands apply to the cable stripper.
- Fast and easy stripping of XLR and DMX cables
- No adjustment of cutting depth
- Supplied with two blades - One for thick outer jacket and one for wire jackets

Application:
Open it, put in cable and close it. Strip off the outer jacket with two turns. Flip over the cable stripper, put the wire jacket in and strip it off with two turns.
Packaging: Chess-Tools blister card

CT-442 Automatic Cable Stripper

Automatic wire stripper for round and flat cables
- A precise adjustment (5-fold) on various cable types and diameters is possible.
- Optical length scale 8-24 mm / 5/16 – 3/4 inch.
- Easily accessible built-in side cutter up to max. 3 mm Ø.
- Working range for round cables:
  Cable and wire stripping of flexible cables in a range of 0,5 mm² to 16,0 mm² (20-6 AWG). Solid conductors from 0,5 mm² to 10,0 mm² (20-8 AWG).
- Working range for flat cables:
  Cable and wire stripping of two-core flat cables with PVC insulation from 0,75 mm² to 1,5 mm².

Packaging: Chess-Tools blister card

CT-452 1000V Cable Stripper

1000V wire stripper, IEC: 60900
- Fully insulated automatic wire stripper for all common stranded and solid conductors of 0,2 to 6,0 mm² (24-10 AWG)
- Adjustable length stop of 5 to 12 mm (removable if required)
- Approved to VDE Norm for working on live wires up to 1000 Volt

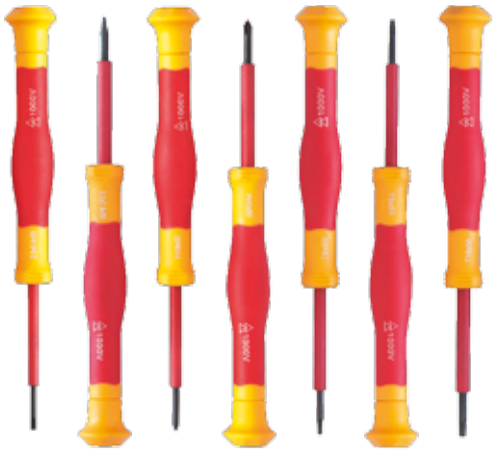
Packaging: Chess-Tools Blister card

6 tools & more

CT-455 VDE screwdriver and pliers set, 11pcs.

VDE screwdriver and pliers set,
in transparent plastic storage box (360 x 300 x 60 mm)
- VDE screwdriver flat 2.5x75mm
- VDE screwdriver flat 4,0x100mm
- VDE screwdriver flat, 5.5x125mm
- VDE screwdriver Phillips PH 1x80mm
- VDE screwdriver Phlillips PH 2x100mm
- VDE Voltage tester 190mm
- VDE sidecutting pliers 160mm
- VDE flat pliers 160mm
- VDE Wire stripper 160mm with spring + stepless adjustment screw
- 2 Rolls VDE Insulation tape (red and black) 1000 x 19 x 0,15 mm

CT-461 VDE Precision Srewdriverset 7pcs.



7 pcs. VDE Precision Screwdriverset
Flat: 1 x 2.0 mm / 50 mm, 1 x 3.0 mm / 50 mm
Phillips: 1 x PH0 / 50 mm, 1 x PH00 / 50 mm
TX: 1 x T06 / 50 mm, 1 x T08 / 50 mm, 1 x T10 / 50 mm
Each Screwdriver hardened and with 2-Component handle
Packaging: Each set packed in one Chess-Tools Displaycarton

CT-420 Multi-Purpose Oil Pen

Leak-proof oil pen with high tech multi-purpose oil
Contains: 12ml / 0.41 oz.fl.
- High tech oil suitable for all mechanical parts that require precise and non-drip oiling
- No resinification
- Acid free
- Safe and secure oil application via patented non-drip valve

Packaging: Blister card
More Oil Pens available: CT-421 smooth-running oil with PTFE particles
CT-422 electric contact oil

CT-421 PTFE Particle Lubricating Oil Pen

Leak-proof oil pen with smooth running oil with PTFE particles
Contains: 12ml / 0.41 oz.fl.
- Minimizes switching noises and roll resistance
- Superfine PTFE particles guarantee an extremely smooth running of all precision mechanics systems e.g. tripod crank mechanisms or case roller-bearings
- No resinification
- Acid free
- Safe and secure oil application by patented non-drip valve

Packaging: Blister card
More Oil Pens available: CT-420 multifunction oil
CT-422 electric contact oil

CT-422 Electrical Contact Oil Pen

Leak-proof oil pen with electrical contact oil
Contains: 12ml / 0.41 oz.fl.
- For cleaning and corrosion protection of electrical contacts
- With ADDINOL for temporary cleaning and maintenance
- Safe and secure oil application by patented non-drip valve

Packaging: Blister card
More Oil Pens available: CT-420 multifunction oil
CT-421 smooth-running oil with PTFE particles

CT-423 Universal Marking Pen

Precision marking pen with acrylic paint for durable marks
Contains: 12ml / 0.41 oz.fl.
- Marks metal, wood, glass, tools and circuit boards
- Colour: yellow
- Acrylic paint, non-flammable, solvent-free
- Safe and clean colour application via stainless steel ball-point (non-dripping)
- Light-resistant marks
- To be used also on hot or rusty surfaces

Packaging: Chess-Tools blister card

CT-424 Oil-Pen Rust remover

Precisions oil pen with rust remover oil K06F
Contains: 12ml / 0.41 oz.fl.
- For loosening of tight screws
- Dissolves rust in a few minutes
- Safe and secure oil application by patented non-drip valve

CT-135 40 Cleaning Wipes in Dispenser

40 cleaning wipes, 170 x 250mm in dispenser
- Dermatologically tested
- Useful for cleaning hands, tools and working surfaces
- Perfect for workshop and on the road use
- Made from pre-impregnated nonwoven spun lace

Packing: 12 dispensers in counter-display

6 tools & more / KNIPEX

KN-021 Knipex Profi-Key 0012-21

Switchboard key in pen style with clip
- For all standard locking systems
- Three different key profiles
- 1/4“ screwdriver bit intake
- Permanent magnet for fixings
- Incl. a Ph2 Bit and storage option for a second bit
- Additional intake for screwdriver bits in one key

KN-001 Combination pliers 160 mm Knipex

KN-002 Combination pliers 180 mm Knipex

KN-003 Combination pliers 200 mm Knipex

Combination pliers according to DIN ISO 5746
Pliers heads polished with grip space for flat and round material
for universal application with blades for soft and hard wires
Extra long blades for thicker cables
Forged steel, oil hardened
Blades induction hardened
Blade hardness approx. 60 HRC
Two-compound handle

KN-004 Wire stripping pliers 160mm Knipex

Wire stripping pliers
for one-, multi- and fine- wired wires with plastic or rubber insulation
max. Ø 5.0 mm² / 10.0 mm²
Easy set up for different diameters by knurl screw
Forged steel, oil hardened
Two-compound handle

KN-005 Flat-round pliers 160 mm Knipex

Flat-round pliers with blade according to DIN ISO 5745
Suitable for pick and cut works in fine-mechanics
Grip space teethed, with blades for medium hard and ahard wire
Blades induction hardened
Blade hardness approx. 61 HRC
Vanadium Steel, oil-hardened
Two-compound handle

KN-006 Side cutting pliers 140 mm Knipex

KN-007 Side cutting pliers 160 mm Knipex

Side cutting pliers according to DIN ISO 5749
Essential side cutting pliers for universal use
high-class material and precise assembly guarantee
a long life time
Precision blades for cutting soft and hard wire
Blades induction hardened
Blade hardness approx. 62 HRC
Sleek head style for working in hard to reach areas
Vanadium Steel, oil-hardened
Two-compound handle

KN-008 Heavy duty side cutting pliers 160 mm Knipex

KN-009 Heavy duty side cutting pliers 180 mm Knipex

KN-010 Heavy duty side cutting pliers 200 mm Knipex

Side cutting pliers according to DIN ISO 5749
with forged joint for toughest working conditions
Perfectly suitable for all sorts of wires including hardened steel wires
High cutting capacity at lower force
Blades induction hardened
Blade hardness approx. 64 HRC
Chrome-Vanadium Steel, oil-hardened
Two-compound handle

KN-022 Flat-round pliers, straight, 200 mm Knipex

Flat-round pliers, straight, according to DIN ISO 5745
head polished, Elastic precision tips, Flat-round, long tips
With blade for soft, medium and hard wire
Blades induction hardened
Vanadium Steel, forged, oil-hardened
Two-compound handle

KN-023 Flat-round pliers, bent, 200 mm Knipex

Flat-round pliers, bent, according to DIN ISO 5745
head polished, Elastic precision tips, Flat-round, long tips,
With blade for soft, medium and hard wire
Blades induction hardened
Vanadium Steel, forged, oil-hardened
Two-compound handle

KN-020 Hammerpliers, 210 mm Knipex

Hammerpliers according to DIN ISO 9243
Pincers with hammer head for striking nails
Blades hardened, Blade hardness approx. 60 HRC
Special tool steel, forged, oil-hardened

KN-051 VDE side cutting pliers, 160 mm Knipex

VDE side cutting pliers
Pliers chrome plated, Handles insulated, Two-compound handle
VDE approved, Universal side cutting pliers
High-class material and precise assembly guarantee a long life time
Precision blades for soft and hard wire
Blades induction hardened
Blade hardness approx. 62 HRC
Sleek head style for working in hard to reach areas
Vanadium Steel, forged, oil-hardened

KN-052 VDE combination pliers, 180 mm Knipex

VDE combination pliers
Pliers chrome plated, Handles insulated, Two-compound handle
VDE approved, With tip for flat and round material for universal use
High-class material and precise assembly guarantee a long life time
Precision blades for soft and hard wire
Long blades for thicker cables
Blades induction hardened
Blade hardness approx. 60 HRC
Vanadium Steel, forged, oil-hardened

KN-053 VDE telephone pliers, straight, 200 mm Knipex

VDE telephone pliers
Pliers chrome plated, Handles insulated, Two-compound handle
VDE approved, elastic precision tips,
flat-round, long tips
Blades for soft, medium and hard wire
Vanadium Steel, forged, oil-hardened

KN-054 VDE Wire stripping pliers 160 mm Knipex

Wire stripping pliers
VDE telephone pliers
Pliers chrome plated, Handles insulated, Two-compound handle
VDE approved,
for one-, multi- and fine- wired wires with plastic or rubber insulation
max. Ø 5.0 mm² / 10.0 mm²
Easy set up for different diameters by knurl screw
Forged steel, oil hardened
Two-compound handle

Chess Tools

eXpand stretch covers

+ New + New +

Tripod Cover

extremely expandable

crease-resistant

Truss Cover

No need for re-treatment after washing

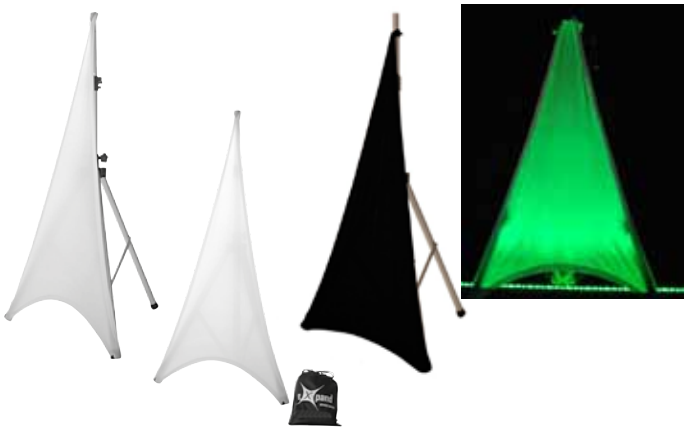
Screens

A quality product of

eXpand stretch covers

CT-330 Tripod Cover, Single-Sided, Small white

CT-350 Tripod Cover, Single-Sided, Small black



Triangular stretch tripod cover, single-sided, small
Colour: white / black
- Stylish appearance
- Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for all speaker and lighting stands
- Material: 85% Polyester, 15% Elasthan
- Size: Expandable up to 1.5 m x 2.5 m

Packaging: Carry bag, lockable, with Chess-Tools label

CT-332 Tripod Cover, Double-Sided, Small white

CT-352 Tripod Cover, Double-Sided, Small black

Triangular stretch tripod cover, double-sided, small
Colour: white / black
- Stylish appearance - Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for all speaker and lighting stands
- Material: 85% Polyester, 15% Elasthan
- Size: Expandable up to 1.5 m x 2.5 m

Packaging: Carry bag, lockable, with Chess-Tools label

CT-331 Tripod Cover, Single-Sided, Large white

CT-351 Tripod Cover, Single-Sided, Large black

Triangular stretch tripod cover, single-sided, large
Colour: white / black
- Stylish appearance - Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for all speaker and lighting stands
- Material: 85% Trevira, 15% Elasthan
- Size: Expandable up to 1.5 m x 3.5 m

Packaging: Carry bag, lockable, with Chess-Tools label

CT-333 Tripod Cover, Double-Sided, Large white

CT-353 Tripod Cover, Double-Sided, Large black

Double-Triangular stretch tripod cover, double-sided, small
Colour: white / black
- Stylish appearance
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for all speaker and lighting stands
- Material: 85% Polyester, 15% Elasthan
- Size: Expandable up to 1.5 m x 3.5 m

Packaging: Carry bag, lockable, with Chess-Tools label

7 Expand Cover

CT-343 Projection Screen, White, Small

Stretch projection screen
Equipped with mounting eyes every 50 cm
- Suitable for front and rear projection
- Stylish appearance
- Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for 3 and 4 point trusses
- Material: 85% Polyester, 15% Elasthan
- Size: 0.7 x 1.5 m, expandable up to 1.5 x 2.3 m

Packaging: Carry bag, lockable, with Chess-Tools label

CT-344 Projection Screen, White, Medium

Stretch projection screen
Equipped with mounting eyes every 50 cm
- Suitable for front and rear projection
- Stylish appearance
- Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for 3 and 4 point trusses
- Material: 85% Polyester, 15% Elasthan
- Size: 1.5 x 2.0 m, expandable up to 3.1 x 3.0 m

Packaging: Carry bag, lockable, with Chess-Tools label

Projection Screen, White, Large

Stretch projection screen
Equipped with mounting eyes every 50 cm
- Suitable for front and rear projection
- Stylish appearance
- Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for 3 and 4 point trusses
- Material: 85% Polyester, 15% Elasthan
- Size: 1.5 x 2.8 m, expandable up to 3.1 x 4.2 m

Packaging: Carry bag, lockable, with Chess-Tools label

CT-348 Table Cover closed, White

CT-349 Table Cover closed, Black

Stretch table cover closed
Colour: whitw/black, expandable to 2.40 m x 1.00 m
- Stylish appearance
- Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Material: 85% Polyester, 15% Elasthan

Packaging: Carry bag, lockable, with Chess-Tools label

CT-337 Truss Cover with Zip, White, 1.5 m

CT-357 Truss Cover with Zip, Black, 1.5 m

CT-338 Truss Cover with Zip, White, 2.0 m

CT-358 Truss Cover with Zip, Black, 2.0 m

CT-340 Truss Cover with Zip, White, 3.0 m

CT-360 Truss Cover with Zip, Black, 3.0 m

Stretch truss cover with zip
Colour: white/black, suitable for all 3 and 4 point trusses with side length up to 35 cm
- Stylish appearance
- Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for 3 and 4 point trusses
- Material: 85% Polyester, 15% Elasthan
- Length: 1.5 / 2,0 / 3.0 m

Packaging: Carry bag, lockable, with Chess-Tools label

CT-362 Truss Cover with hook-and-loop fastener, White 1.0 m

CT-366 Truss Cover with hook-and-loop fastener, Black 1.0 m

CT-363 Truss Cover with hook-and-loop fastener, White 1.5 m

CT-367 Truss Cover with hook-and-loop fastener, Black 1.5 m

CT-364 Truss Cover with hook-and-loop fastener, White 2.0 m

CT-368 Truss Cover with hook-and-loop fastener, Black 2.0 m

CT-365 Truss Cover with hook-and-loop fastener, White 3.0 m

CT-369 Truss Cover with hook-and-loop fastener, Black 3.0 m

Stretch truss cover with hook-and-loop fastener
Colour: white/black, suitable for all 3 and 4 point trusses with side length up to 35 cm
- Stylish appearance
- Crease-resistant stretch fabric
- Permanently flame-retardant to DIN 4102B1
- No need for re-treatment after washing
- Extremely expandable
- Fast and easy set up
- Suitable for 3 and 4 point trusses
- Material: 85% Polyester, 15% Elasthan
- Length: 1.5 / 2.0 / 3.0 m

Packaging: Carry bag, lockable, with Chess-Tools label

8 Headphones & In EAR

CT-651 Stereo Drummer Headphones DHC200

DHC200 Closed Stereo Headphones - designed for drummers!
Includes a 3m Cable and jack plug adaptor 3.5 to 6.3mm
Especially suited for use with V- and D-Drums
Enhances the bass drum and snare signals
Technical specifications:
- Driver: 40mm
- Impedance: 32 Ohm +/-15 %
- Sensitivity: 105 dB +/- 3dB at 1 kHz
- Frequency response: 20 Hz - 20 kHz
- Maximum power input: 500 mW
Packaging: Chess-Tools colour box with Euroslot

CT-654 Stereo Musician Headphones MHC200

MHC200 Musician‘s Closed Stereo Headphones
Includes interchangeable 2.5m spiral cable and 3.0m straight cables andjack plug adaptor 3.5 to 6.3mm
Especially suitable for DJ‘s on stage and also as a headphone for musicians and music-lovers
Retractable ear cups, Collapsible design for easy transport
Comes with a handy carrying and storage bag
Technical specifications:
- Driver: 50 mm
- Impedance: 24 Ohm +/-15 %
- Sensitivity: 98 dB +/- 3dB at 1 kHz
- Frequency response: 20 Hz - 22 kHz
- Maximum power input: 1000 mW
Packaging: Chess-Tools Colour box

CT-657 Studio Headphone SHC 200, closed type

SHC 200 Closed Studio Sstereo Headphones
Includes 3.0 m straight cable and jack plug adaptor 3.5 to 6.3 mm
Especially suitable for use in recording studios
Circumaural design closes very well
Comes with a nylon carry and storage case and replaceable ear pads
Technical specifications:
- Driver: 42 mm
- Impedance: 64 Ohm +/-15 %
- Sensitivity: 100 dB +/- 3dB at 1 kHz
- Frequency response: 10 Hz - 26 kHz
- Maximum power input: 100 mW
Packaging: Chess-Tools Colour box with carry handle

CT-660 Studio Headphone SHO 200, open type

Studio stereo headphone SHO 200, open type
Includes 3.0m straight cable and jack plug adaptor 3.5 to 6.3 mm
Perfectly suitable for control rooms in studios
Headphones deliver neutral and clean signals over the frequency range
Comes with a nylon carry and storage case and replaceable ear pads
Technical specifications:
- Driver: 42 mm
- Impedance: 64 Ohm +/-15 %
- Sensitivity: 98 dB +/- 3dB at 1 kHz
- Frequency response: 10 Hz - 26 kHz
- Maximum power input: 100 mW
Packaging: Chess-Tools Colour box with carry handle

CT-670 Portable Stereo Headphone KOSS „Porta Pro“

KOSS Open Stereo headphone „Porta Pro“
Includes 1.2 m straight cable and jack plug adaptor 3.5 to 6.3 mm
- Universal headphone for musicians and music-lovers
- Especially suitable for use on stage
- Collapsible design for easy transport
- Adjustable head band
- Headphones deliver neutral and clean signals over the frequency range

Comes with a handy carrying and storage bag
Technical specifications:
- Impedance: 60 Ohm
- Sensitivity: 101 dB SPL/1mW
- Frequency response: 15 Hz - 25 kHz

Packaging: KOSS blister card with euroslot

CT-671 In Ear Headphones KOSS „The Plug“

KOSS Stereo in ear phones „The Plug“
Includes 1.2 m straight cable with jack plug 3.5 mm
- Especially suitable for use on stage
- Wide frequency range (10Hz - 20kHz)
- Great value for money
- Includes interchangeable earplugs in different sizes

Technical specifications:
- Impedance: 16 Ohm
- Sensitivity: 112 dB SPL/1mW
- Frequency response: 10 Hz - 20 kHz

Packaging: KOSS blister card with euroslot

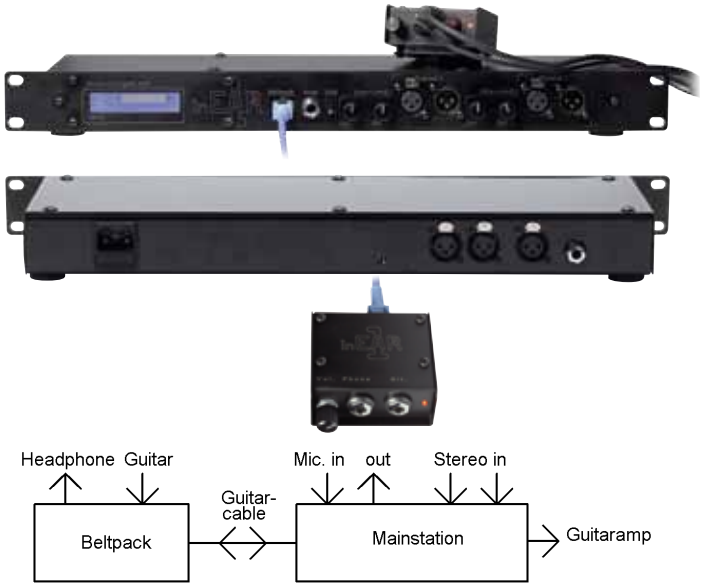
CT-673 In Ear Headphones KOSS „KDX 100-Chrome“

KOSS Stereo in ear phones „KDX 100-Chrome“
Includes 1.2m straight cable with jack plug 3.5mm
- Especially suitable for use on stage by instrumentalists
- Wide frequency range (10Hz - 20kHz)
- Headphones deliver neutral and clean signalsover the bass frequency range
- Fit tightly in ears - no falling off
- Includes interchangeable earplugs in different sizes

Comes with a handy carrying and storage bag
Technical specifications:
- Impedance: 16 Ohm
- Sensitivity: 112 dB SPL/1mW
- Frequency response: 10 Hz - 20 kHz

Packaging: KOSS premium colour box with euroslot

CT-621 Mini Audio Lab, Multitester for Live Applications



The new mini audio lab is a useful helper for many situations in live applications and for speaker tests after your event.
Features a variety of test signals and an external phone jack connector.

Functions:
- Feedback frequency identification
- Sine wave generator with 30 switchable ISO frequencies
- Electred microphone with bargraph response on the display
- Phone jack connector for music transmission from CD, MP3 or an instrument
- XLR connector with switchable ground lift
- 1W amplifier with NL4 connector for an easy speaker check
- Pink noise and burst generator

Packaging: colour box

Specifications:
Power supply: 9V battery or mains adaptor

Tolerance amplitude measuring:
+/- 1.5 dB, +/- 1 Digit (50Hz - 12,5 kHz)

Tolerance impedance measuring:
+/- 0.5 Ohm, +/- 1 Digit

Connectors:
1x 3 pin XLR, 1x NL4, 1x 9V mains daptor, 1x 6.3 mm phone jack

Measurements: 124 mm x 89 mm x 61 mm

9 tester & analyzer

CT-600 Optogate PB-05

The PB-05 is an automatic microphone gate with an infrared sensor. It is the best and easiest solution for most common problems in live applications. Unwanted background noise of other instruments into unused microphones on stage is eliminated. Clarity of the mix and the dynamics will be increased due to less phase cancellation and background noise. It is plugged between microphone and cable. The infrared sensor senses if someone is in front of the microphone and switches on the microphone without any noise. Microphone will be switched off if nobody is in front of it. A red status LED indicates if the microphone is switched on. PB-05 works with 48V phantom power which passes by to microphone. Condenser microphones can be used with PB-05 without problems. It is ideal for lead and backing vocal microphones, acoustical instruments and talk back microphones.

Specifications:
Power: 24 - 48V phantom power,
Current consumption: ca. 3.7 mA,
Maximum input level: 3 dB (1.1V),
Connectors: XLR 3-pin (1=gnd, 2=plus, 3=minus),
Distance: adjustable between 15 - 120 cm, Angle: +/- 10°,
Frequency response: 0 Hz - 30 kHz, -3 dB in connection with 150 Ohm microphone impedance,
Delaytime mic on: < 0.2 seconds,
Delaytime mic off: about 1 second,
Distance measurement:
Active infrared reflection principle with 3 bit code

CT-602 Optogate PB-07

The PB-07 is an advance on the automatic microphone gate PB-05 (CT-600). This model features the infrared sensor on flat side enabling a lower position on the microphone stand. With the PB-07 It is not necessary for the artist to be exactly in front of the microphone. The artist gains more freedom of movement in front of the microphone and microphone channel is still switched on. The microphone will be switched off if nobody is in front of it. A red status LED indicates if the microphone is switched on.
PB-07 does a great job on speakers' desks with gooseneck microphones either.

Specifications:
Power: 24 - 48V phantom power,
Current consumption: ca. 3.7 mA,
Maximum input level: 3 dB (1.1V),
Connectors: XLR 3-pin (1=gnd, 2=plus, 3=minus),
Distance: adjustable between 15 - 120 cm,
Angle: +/- 10°,
Frequency response: 0 Hz - 30 kHz, -3 dB in connection with 150 Ohm microphone impedance,
Delaytime mic on: < 0.2 seconds,
Delaytime mic off: about 1 second,
Distance measurement:
Active infrared reflection principle with 3 bit code

Foto: Mäding Veranstaltungstechnik

CT-603 Optogate PB-09

The PB-09 is the best all in one solution for conference applications. The Optogate PB-09 is our new automatic microphone gate unit, implemented in a table stand. The PB-09 contains a mic on button what can be used as „push to talk“ or „mic latch“ switch. These different functions are user programmable with 3 dip switches. The PB-09 contains also a galvanically separated trigger input for the mic control. The switching noise is not measureable. A red status LED indicates if the microphone is switched on. The PB-09 works with 48V phantom power and can be used in connection with dynamic mics and condenser mics. The phantom power passes the microphone. The 1,2 kg heavy body of the PB-09 is iron made and equipped with 3 anti noise rubber feet on the bottom in order for a safety silent fixed position. A mic support plate for a mic clamp is also available for the PB-09 if necessary.

Specifications:
Physical dimensions: 125mm length x 31mm height x 90mm width
Connectors: XLR 3-pin (1 = gnd, 2 = plus, 3 = minus)
Case construction: Iron, black powdercoatedl
Distance: Adjustable between 15 - 120 cm (depending of the type of reflection surface)
Angle: + / - 10 degrees
Trigger Input Voltage: 2.6-30V
Switching noise: Immeasurable
Frequency response: 0 Hz - 30kHz, - 3 dB in connection with 150 Ohm microphone impedance
Signal noise ratio: -114 dB / -120 dB, Mic on / off with 150 Ohm Mic.
Distortion: < 0,05 % with 100mV signal
Delaytime Mic on: < 0 ,2 Seconds
Delaytime Mic off: About 1 second (Other times on request)
Attenuation „mic on“: -1 dB
Attenuation „mic off“: 42 dB in connection with 150 Ohm microphone impedance
Usuable mic. types: All type of dynamic - and phantom powered mics. up to 10 mA current consumption
Maximum input level: 3 dB (1.1V)
Operating temperature: 0 - 55 degrees Celsius
Background light range: 0 - 20000 Lux daylight and 0 - 12000 Lux electric bulblight
Distance measurement: Active infrared reflection principle with 3 bit code
Power: 24-48 V Phantompower (passes phantompower to the microphone)
Current consumption: Ca. 3.7 mA

CT-615 XLR Generator 48 V, „Sinewave“

The XLR generator 48 V is a top of the line solution for checking for defective cables on stage. Simply plug the tester into a cable, switch on phantom power and the test result is easily visible:
- LED flashes 2x: XLR Pin 2 is defective
- LED flashes 3x: XLR Pin 3 is defective
- No LED light: XLR Pin 1 or phantom power is defective
- LED is turned on and 100 Hz sinewave noise is produced: Everything okay

Prior to use phantom power needs to be switched on at mixing desk. Tester checks phantom power at pins 2 and 3 before turning on the noise generator. You will not spot all problems on stage with this tool, but more than 90% of errors can be found easily. Output of generator is balanced. It does not need any batteries and fits into any pocket

Tester is also available as Pink Noise generator (CT-616)

Specifications:
Connectors: Neutric XLR plug, 3 pin, 1 GND, 2 +, 3 -, Output frequency: 100 Hz sinus wave, Amplitude: about 100 mV peak - peak, Measurements: 74 x 19 mm

CT-616 XLR Generator 48 V, „Pink Noise“

The XLR generator 48 V is a top of the line solution for checking for defective cables on stage. Simply plug the tester into a cable, switch on phantom power and test result is easily visible:
- LED flashes 2x: XLR Pin 2 is defective
- LED flashes 3x: XLR Pin 3 is defective
- No LED light: XLR Pin 1 or phantom power is defective
- LED is turned on and pink noise is produced: Everything okay

Prior to use phantom power needs to be switched on at mixing desk. Tester checks phantom power at pins 2 and 3 before turning on the noise generator. You will not spot all problems on stage with this tool, but more than 90% of errors can be found easily. Output of generator is balanced. It does not need any batteries and fits into any pocket

Tester is also available as Sinewave generator (CT-615)

Specifications:
Connectors: Neutric XLR plug, 3 pin, 1 GND, 2 +, 3 -, Output frequency: 100 Hz sinus wave, Amplitude: about 100 mV peak - peak, Measurements: 74 x 19 mm

9 tester & analyzer

CT-617 XLR Multitester 48 V

Do not forget to bring this versatile XLR Multitester to your next show.
It shows broken wires, short circuits and wrong polarity of XLR cables on its 3 LED display. Additionally it checks that phantom power is available on pin 2 and 3. It produces a balanced 100 Hz sine wave tone if lines are okay.

Pressing the reset switch starts the test sequence. The phantom power check and the output of the 100Hz sine wave happens automatically providing that phantom power is switched on. If there is no phantom power available, the tester switches automatically into cable testing mode. To save battery power the tester is shut down after 10 seconds. If rechargeable batteries are used they can easily be charged using phantom power. Max. charging current is limited to 4 mA.
Packaging: Colour box

Einzusetzen ins Fenster technische Details:

Specifications:
Power supply: 3V, 12 mm cell BR1225 or CR1220
Power consumption sleep mode: < 8 uA
Power consumption active mode: ca. 5 mA
Connectors: Switchcraft XLR male, XLR female
Measeurements: 70 x 38 x 21 mm

CT-620 Mini Audio Lab, Multitester for Live Applications

The new mini audio lab is a useful helper for many situations in live applications and for speaker tests after your event.
Features a variety of test signals and an external phone jack connector.

Functions:
- Feedback frequency identification
- Sine wave generator with 30 switchable ISO frequencies
- Electred microphone with bargraph response on the display
- Phone jack connector for music transmission from CD, MP3 or an instrument
- XLR connector with switchable ground lift
- 1W amplifier with NL4 connector for an easy speaker check
- Pink noise and burst generator

Packaging: colour box

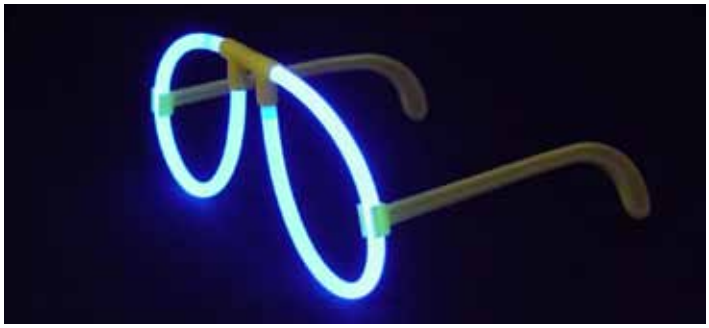
Specifications:
Power supply: 9V battery or mains adaptor
Tolerance amplitude measuring:
+/- 1.5 dB, +/- 1 Digit (50Hz - 12,5 kHz)
Tolerance impedance measuring:
+/- 0.5 Ohm, +/- 1 Digit
Connectors:
1x 3 pin XLR, 1x NL4, 1x 9V mains daptor, 1x 6.3mm phone jack
Measurements: 124 mm x 89 mm x 61 mm

CT-251 Blues Sunglasses, UV 400

Party, show and sunglasses with UV 400 protection
- Sunglasses in „Blues Brothers“ style
- Can be used as sunglasses with UV 400 protection
- Glasses comply with safety guidelines:
 EN 166:2002, EN 167:2002,
 EN 168:2002, EN 1836:2005

Counter-display available upon request

CT-252 Glow in the Dark Glasses



Glow in the dark glasses in 70‘s glam style

- Available in 10pcs. pack, colours assorted
- A hit for every party
- Ideal accessory for stage performances at all festivities
- Once assembled, glasses glow for 6 - 8 hours
- Bands can sell them at gigs for extra merchandise income

Packaging: Chess-Tools foil bag with user manual

CT-255 Black Bar Glasses

Black bar glasses, 180 x 50 mm
This party goggles may not be used as sunglasses, but they are a fun item that should not be missing on your next party
- Can be worn over spectacles
- Bands can sell them at gigs for extra merchandise income

Packaging: Polybag with label and including manual

Foto: Mading Veranstaltungstechnik

SIROX®

... provides you with power where you need it!

SIROX® is the professional brand for high-class power distributors and extensions. Quality and your safety comes first! Each plug and extension is 100% tested in an ISO 9001 zertified process. The specific designs for the event and entertainment business differ in colours and guarantee a high recognition value and protect you from theft or mix-up!

Foto: Mäding Veranstaltungstechnik

Foto: Mäding Veranstaltungstechnik

JD-298 Extension 1.5 mm², 5 m, black,“Indoor“

JD-299 Extension 1.5 mm², 10 m, black,“Indoor“

• with moulded rubber plug connector and rubber coupling
• light rubber hoseline H05RR-F 3 G 1,5 mm²

JD-301 Extension 1.5 mm², 5 m, black

JD-302 Extension 1.5 mm², 10 m, black

with heavy rubber hoseline
H07RN-F 3 G 1,5 mm²
• with solid rubber plug connector and coupling with spring flap cover
• with mounted Velcro® tape for bundling the cable

JD-306 Extension 2.5 mm², 5 m, black

JD-307 Extension 2.5 mm², 10 m, black

with heavy rubber hoseline
H07RN-F 3 G 2,5 mm²
• with solid rubber plug connector and coupling with spring flap cover
• with mounted Velcro® tape for bundling the cable

JD-310 3-Way coupling 3-F 1.5 mm², 3 m, black

JD-312 3-Way coupling 3-F 1.5 mm², 10 m, black

JD-314 3-Way coupling 3-F 1.5 mm², 25 m, black

with heavy rubber
hoseline H07RN-F 3 G 1,5 mm²
• with solid rubber plug and solid rubber 3-way coupling with self-closing spring flap covers
• with mounted Velcro® tape for tidy bundling of the cable
- IP44

JD-315 4-Way coupling 3-F 1.5 mm², 10 m, black

extension with 4-way
connector socket block
• 250 V AC, 50Hz, 16 A
• 10 m heavy rubber hose line H07RN-F 3 G 1,5 mm²
• impact- & shatter-proof connector socketsblock
• 4 water spray-protected connector sockets with self-closing cover flap
• with fold-in metal hook
- IP44

JD-309 3-Way coupling 3-F 2.5 mm², 1.5 m, black

JD-311 V3-Way coupling 3-F 2.5 mm², 2.5 m, black

JD-313 3-Way coupling 3-F 2.5 mm², 10 m, black

with heavy rubber
hoseline H07RN-F 3 G 2,5 mm²
• with solid rubber plug and solid rubber 3-way coupling with self-closing spring flap covers
• with mounted Velcro® tape for tidy bundling of the cable
- IP44

11 SIROX

JD-326 3-Way power strip, 1.5 mm², 1.4 m, black

3-way power strip with 1.4 m cable
• With 1.4 m cable H05VV-F 3 G 1.5 mm² and angle plug
• Riveted design
• Socket arrangement 45 °
• With integrated child protection

JD-328 6-Way power strip, 1.5 mm², 1.4 m, black

6-way power strip with 1.4 m cable
• With 1.4 m cable H05VV-F 3 G 1.5 mm² and angle plug
• Riveted design
• Socket arrangement 45 °
• With integrated child protection

JD-333 5-Way connector socket strip, 1.5 mm², 2 m, black

5-way connector socket strip IP 44
• 230 V, 50 Hz, 16 A
• Splash-proof sockets with sealing ring and self-locking cover flaps - for outdoor application
• With 2-pin, illuminated switch with protective cover
• Solid strap for carrying, hanging and for screw-mounting
• 2 m cable H07RN-F 3 G 1.5 mm²

JD-320 Cable drum 4 sockets, 1.5 mm², 40 m, black

JD-321 Cable drum 4 sockets, 1.5 mm², 25 m, black

With 4 sockets and heavy rubber cable H05VV-F 3 G 1.5 mm²
• 25 / 40 m Cable, black
- Plastic drum 260 mm diameter
- Sturdy steel frame
- 4 shock-proof sockets
- solid rubber plugs
Built in thermal-switch
- Restart protection

JD-391 CEE extension 5 G 2,5 mm², 16A, 5-polig 400V, 6h, 5 m

JD-393 CEE extension 5 G 2,5 mm², 16A, 5-polig 400V, 6h, 10 m

5 G 2,5 mm², 16 A, 5-pin, 400 V, 6 h
• heavy rubber hose line for inside use and for coarse construction site conditions
• increased safety with high quality plug-in devices to CEE standard
• with special scratch and petrol-resistant labels on the respective coupling (Length, cross-section, type etc.) for easy identification of the cable, even after considerable use
• with mounted Klettband
For your safety:
Every SIROX extension is tested and documented with a serial number on the extension

JD-409 CEE cable coupler 16/32, 400V

CEE plug 16A , 5-pin, 400V, 6h
CEE Connector, 32A, 5-pin, 400V, 6h
• ready made-up
• heavy rubber hose line H07RN-F 5G 2,5 mm², black
- 0,8 m Cable
- IP44

JD-419 CEE cable coupler 32/64, 400V

CEE plug 32A , 5-pin, 400V, 6h
CEE Connector, 63A, 5-pin, 400V, 6h
• ready made-up
• heavy rubber hose line H07RN-F 5G 16 mm², black
- 0,8 m Cable
- IP44

JD-400 CEE extension 16A, 5 m, 5 pin, 400V

JD-402 CEE extension 16A, 15 m, 5 pin, 400V

CEE-plug 16 A, 5-pin, 400V, 6h
CEE-connector 16 A, 5-pin, 400V, 6h
- Massive rubber hose for use in and outdoor
- Suitable for use on construction areas
- Connections according to CEE-directive
- Checked piece by piece, with serial number
- IP44
- Scratch and petrol resistant label
- With press on tape

JD-412 CEE extension 32A, 15 m, 5 pin, 400V

CEE-plug 32 A, 5-pin, 400V, 6h
CEE-connector 32 A, 5-pin, 400V, 6h
- Massive rubber hose for use in and outdoor
- Suitable for use on construction areas
- Connections according to CEE-directive
- Checked piece by piece, with serial number
- IP44
- Scratch and petrol resistant label
- With press on tape
- Cable H07RN-F 5G 4 mm²

JD-421 CEE extension 63A, 10 m, 5 pin, 400V

CEE-plug 32 A, 5-pin, 400V, 6h
CEE-connector 32 A, 5-pin, 400V, 6h
- Massive rubber hose for use in and outdoor
- Suitable for use on construction areas
- Connections according to CEE-directive
- Checked piece by piece, with serial number
- IP44
- Scratch and petrol resistant label
- With press on tape
- Cable H07RN-F 5G 4 mm²

SIROX®

11 SIROX

JD-406 CEE cable drum 16A, 1.5 mm², 25 m, 400V

400 V-version with heavy rubber hose line
- for use on construction sites, im workshop and industrial applications
- plastic drum body with 1 CEE-connector socket 16 A, 5-pin, 400 V, 6 h and 2 grounding contact connector sockets with self-closing cover flap
- stable tubular steel frame with insulated and ergonomically-shaped hand grip for increased safety and carrying comfort
- built-in thermal switch with restart protection
- drum-Ø: 290 mm

IP44
Cable: 25 m H07RN-F 5G 1.5mm², black

JD-408 CEE solid rubber distribution box16A, 2.5 mm²

„Plug & Music“ solid rubber distributor
- housing in high quality solid rubber
- robust and compact version with carrying handle for simple handling
- connector sockets with self-closing cover flaps
- with 2 m lead H07RN-F
- the protective switch devices sind installed under a transparent, shockproof and self-closing Macrolon cover
- for inside and outside use
- dimensions: 360 x 115 x 76 mm (L x B x H)

IP44

In:
CEE plug 16 A, 400V
with 2 m cable H07RN-F 5 G 2.5 mm²

Out:
1 x CEE 16A, via LS 16 A, 3-pole
3 x sockkets via LS 16A. 1-pole

JD-417 CEE cable drum 32A, 2.5 mm², 35 m, 400V

JUMBO® XL CEE cable drum
- load bearing special rubber version
- with 35 m heavy rubber hose line H07RN-F 5 G 4,0 mm² and CEE-plug connector 32 A, 5-pin, 400 V, 6 h
- water spray-protected grounding contact connector sockets with cover flap
- the protective switch devices are installed behind a transparent, shockproof Macrolon cover
- integrated thermal protection switch with restart protection
- drum Ø: 450 mm
- colour: black

Out:
1 x CEE 32A, 400V (unsecured)
2 x CEE 16A, 400V / Fuse: 1 x LS 16 A, 3-pole, C
2 x Sockets 230V / Fuse: 1 x LS 16 A, 1-pole, C

JD-418 CEE solid rubber distribution box 32A, 2.5 mm²

CEE Distributer 32A
- Housing made from solid rubber
- Sturdy and compact version with carry handle for simply handling
- The protective switch devices are installed under a transparent, shockproof and self-closing Macrolon cover

Out:
3 x connector socket 230 V
with 2 m lead H07RN-F 5 G 6 mm²

In:
CEE-plug connector 32 A, 5-pin, 400 V, 6 h:
Fuse: 3 x LS 16 A, 1-pole, C

JD-420 CEE solid rubber distribution box 32A, 2.5 mm²

Without Photo:
Same type as JD-408 but:
In:
CEE plug 32 A, 400V 6h
with 3 m lead H07RN-F 5 G 6 mm²
Out:
1 x CEE 32A, without protection
3 x sockket, each with LS 16A. (1-pole)

Foto: Mäding Veranstaltungstechnik

AJ-425 19“ Variobox Schuko

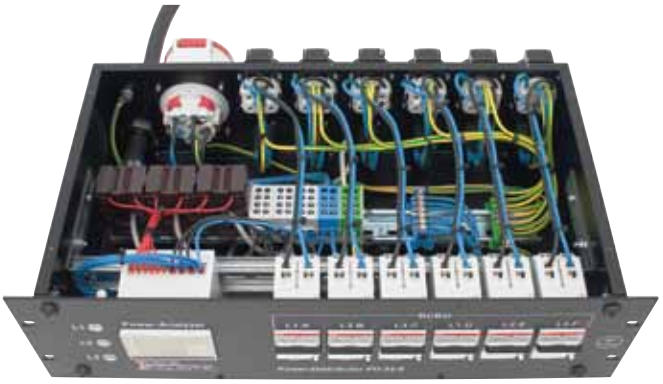
Variable power distributer. It comes in a 1 rack unit box.
3 implemented relays will switch off the output sockets if overvoltage‘s are present.
The Varibox Schuko can be configured with up to 7 different sockets like Schuko, Powercon or CEE.

The Varibox can display the following parameters:
- Line voltages L1, L2, L3
- Line currents I1, I2, I3
- Line power P1, P2, P3
- Turn direction
- Relay status

The following functions can be controlled:
- Adjustable switchvalue of overvoltages up to 254 Volt.
- Adjustable switchvalue of undervoltages down to 1 Volt (important for 3 phase motors).
- Adjustable switchoff time of the 3 implemented line relays in case of over - or undervoltages between 50 ms and 150 ms

11 SIROX / supplement

CT-625 CEE Power distributor PD-32-6



Intelligenter Stromverteiler,
geeignet für alle Anwendungen in der Veranstaltungstechnik und für Festinstallationen.

Für besonders hohe Betriebssicherheit aller angeschlossenen Geräte und geringst mögliche Abschaltung im Fehlerfall verfügt der PD-32-6 über neuartige LS/Fi-Kombinationsautomaten. Herkömmliche Stromverteiler haben einen gemeinsamen Fehlerstromschutzschalter (Fi- oder RCD genannt) der alle Phasen und damit alle Ausgänge im Falle eines Fehlerstromes abschaltet. Somit werden alle angeschlossenen Verbraucher komplett vom Stromnetz getrennt, wenn der Fi-Schalter auslöst. Beim PD-32-6 dagegen ist jeder der 6 Stromkreise mit einem Kombinationsautomaten ausgestattet, wodurch bei einem Fehlerstrom nur der jeweilige Schutzschalter auslöst und die anderen Verbraucher an den verbleibenden 5 Stromkreisen weiter gespeist werden…
...the Show must go on. Ein weiterer großer Vorteil ist, dass der Schaden schneller lokalisiert und behoben werden kann, weil sofort zu erkennen ist auf welcher Leitung der Fehlerstrom anliegt.
Für bestmögliche Kontrolle aller Werte verfügt der PD-32-6 über ein Multimessinstrument zum Erfassen der elektrischen Größen in einem Niederspannungsnetz.
Es lassen sich Netzart, Ströme, Spannungen, Frequenz und Betriebsstunden im Display abbilden.
Ferner werden die Strommittelwerte und deren Maximalwerte und auch der Neutralleiterstrom ermittelt.
Eine gleichmäßige Lastverteilung lässt sich somit auch ohne Kenntnisse der Stromaufnahme der einzelnen Verbraucher realisieren.
Der Betriebsstundenzähler gibt Aufschluss über die Einsatzzeit und kann im Rentalbereich helfen die tatsächliche Verwendungszeit des Equipments zu kontrollieren oder zum Beispiel Wartungsintervalle in Festinstallationen nach Betriebsstunden fest zu legen.
Die Messwerte werden durch up- und down Taster einfach aufgerufen ohne komplizierte Menüführung.

Der PD-32-6 Stromverteiler ist in einem 19“/3HE Gehäuse untergebracht. Er verfügt über einen 32A CEE Eingang mit fest angeschlossenem 2m Kabel H07RN-F 5G6. Die Ausgänge sind als 6x Schuko-Klappdeckelsteckdosen und parallel dazu 6x Neutrik Powercon NAC3MPB-1 Buchsen und 1x 16A CEE ausgeführt. Die Innenverkabelung erfolgt mit 2,5qmm Kabelquerschnitt. Zum Erden von Traversen, Bühnen oder anderen Metallkonstruktionen ist rückseitig eine Erdungsklemme angebracht.

Technische Daten
IN: Stecker CEE32 400V Mennekes, 5p. 6h mit ca. 2 m Kabel H07RN-F 5G6 (Fabr.Titanex)
OUT: 6x Schuko Mennekes mit Klappdeckel schwarz
6x Neurik Powercon (grau) NAC3MPB-1 (parallel zu Schuko)
1x Anbaudose CEE16A 400V Mennekes, 5p. 6h
Absicherung: 6x FI/LS Kombi C16A 1p. / 0.03A Fabr. ABB
sonstiges: 3x Phasenleuchten
1x Multifunktionsmessgerät mit großem Display
1x Erdungsschraube
interne Verdrahtung der OUT Dosen = 2,5 mm²
Gehäuse: 19“/3HE, schwarzes Stahlblechgeäuse

GK-608 9V Battery Duracell

Alcaline Plus type 6LR61
Current: 9V
49 x 27 x 18 mm

GK-630 9V Battery Panasonic

Alcaline type 6LR6
Current: 9V
47.5 x 16.3 x 25.3 mm
Weight: 42,1 g

GK-633 4 AA Batteries Panasonic

Mignon / Alcaline type LR6-AA
4pcs. Pack
Height 50.5mm
Diameter: 14.5mm
Weight: 22.7 g
Current: 1.5 V

GK-634 4 AAA Batteries Panasonic

Micro / Alcaline type LR03-AAA
4pcs. Pack
Height 44.5mm
Diameter: 10.5 mm
Weight: 10.7 g
Current: 1.5 V

GK-643 Power Supply 9V Belcat PST-10

Power supply for up to
10 effect pedals.
Works with AC current from
100 to 240 Volts.
2 DC outs are adjustable:
6, 9 or 12 Volts
8 DC outs with each 9 Volts.
Incl. Mains adaptor DC 5 Volts, 1A
Center negative with 10 connecting cables.
On / off switch, LEDs

GK-655 Universal power supply EPS405R

Perel universal power supply EPSU05R 500 mA
Stabilized against short circuits, capacity overload and overheating
with 6 different connectors
Output adjustable: 1.5V / 3V / 4.5V / 6V / 7.5V / 9V / 12V
Current: 230V AC
Amperage: 1.5V / 3V 1000mA, 4.5V / 6V 800mA, 7.5V 700 mA
9V 600 mA, 12V 500 mA
Power: 6VA
Plugs: 2.5 mm, 3.5 mm, 2.35 x 0.75 mm, 3.5 x 1.35 mm
5.5 x 1.5 mm, 5.0 x 2.1 mm, 5.5 x 2.5 mm
Size: 92 x 55 x 45 mm (LxWxH)

GK-656 Universal power supply EPS4010R

Perel universal power supply EPSU010R 1000 mA
Stabilized against short circuits, capacity overload and overheating
with 6 different connectors
Output adjustable: 1.5V / 3V / 4.5V / 6V / 7.5V / 9V / 12V
Current: 230V AC
Amperage: 1.5V / 3V 1400mA, 7.5V / 9V 1100 mA, 12V 1000 mA
Power: 12VA
Plugs: 2.5 mm, 3.5 mm, 2.35 x 0.75 mm, 3.5 x 1.35 mm
5.5 x 1.5 mm, 5.0 x 2.1 mm, 5.5 x 2.5 mm
Size: 93 x 65 x 55 mm (LxWxH)

C.B.I.

CBI ML2 MADE IN USA
CBI ML2 MADE IN USA
CBI POWER SERIES 14 GAUGE
CBI POWER SERIES 14 GAUGE
BELDEN / CBI ULTIMATE 20 AWG BRAID 2AE
BELDEN / CBI ULTIMATE 20 AWG BRAID 2AE
C.B.I. CUSTOM 20 AWG MADE IN USA
C.B.I. CUSTOM 20 AWG MADE IN USA

C.B.I. is a cable manufacturer from the USA which products are recoqnized by the high fabrication standards. The cables are ranked among the absolutely top cables world-wide.Their components like jackets, shieldings and plugs comply with the highest professional requirements. Their longevity is combined with outstanding sound performance.

GK-201 CBI Midi-6 Cable, 1.8 m, black

GK-202 CBI Midi-6 Cable, 4.5 m, black

Hand soldered USA Midi-cable
- 3-pole (standard) soldered
- 2 x Neutrik Midi plugs, metal, 5-pin (male)
- Wire: 24 Gauge (Diameter 0,51 mm)

GK-101 CBI Microphone cable ML2N, 6 m, black

GK-102 CBI Microphone cable ML2N, 9 m, black

Hand soldered USA Microphone cable ML2N
- Very flexible
- Symmetric (balanced) soldered
- 2 x Neutrik XLR plugs (male & female)
- Wire: 24 Gauge (Diameter 0.51 mm)

GK-250 CBI Speakon cable SNN-142, 2 m, black

GK-252 CBI Speakon cable SNN-142, 7.5 m, black

GK-254 CBI Speakon cable SNN-142, 15 m, black

Hand soldered USA Speaker-cable
- 2-pole (1+/1-) soldered
- Perfectly suitable on the road use, thick PVC jacket
- 2 x Neutrik NL4FX Speakon plugs
- Wire: 14 Gauge (Diameter 1,63 mm)

GK-150 CBI Patch cable 2 Angle Z, 150 mm, black

GK-151 CBI Patch cable 2 Angle Z, 300 mm, black

Hand soldered USA Patch cable
- With Switchcraft plugs
- 2 x Neutrik plugs 1/4“ (6.3 mm) Mono angle jack
- Z shape

GK-121 CBI Instrument cable GA-1, 6 m, black

Hand soldered USA Instrumente cable GA-1
- Thick PVC jacket
- Jacket boxed in plug
- 2 x Neutrik plugs 1/4“ (6.3 mm) Mono jack
- Wire: 20 Gauge (Diameter 0.81 mm)

GK-162 CBI Patch cable 2 Angle, 600 mm, black

GK-163 CBI Patch cable 2 Angle, 900 mm, black

Hand soldered USA Patch cable
- With Switchcraft plugs
- 2 x Neutrik plugs 1/4“ (6.3 mm) Mono angle jack

14 Roxtone cables

GK-196 Patch cables, 6pcs. assorted, angle, 150 mm

6 Patch cables 150 mm with angle jack plugs
- Each with 2x mono jack plugs (6.3 mm)
- Colours assortet

GK-198 Patch cables, 6pcs. assorted, straight, 600 mm

6 Patch cables 600 mm with angle jack plugs
- Each with 2x mono jack plugs (6.3 mm)
- Colours assortet

GK-501 Roxtone XLR cable 6 m, FM / M

GK-502 Roxtone XLR cable 9 m, FM / M

Standard Microphone cable
- Sturdy plugs
- Robust PVC hose
- Effective shielding
- Good transfer rates

Diameter: 6 mm, 95 % shielded
Wire: 2 x 0.22mm², XLR / XLR
6 / 9m, black

GK-503 Roxtone XLR cable 6 m, FM / MKL

GK-504 Roxtone XLR cable 9 m, FM / MKL

Standard Microphone cable
- Sturdy plugs
- Robust PVC hose
- Effective shielding
- Good transfer rates

Diameter: 6 mm, 95 % shielded
Wire: 2 x 0.22 mm², XLR / mono jack plug
6 / 9m, black

GK-522 Roxtone 2c Speaker cable 3 m

GK-523 Roxtone 2c Speaker cable 10 m

GK-524 Roxtone 2c Speaker cable 15 m

Pro Plus 2C
- Sturdy plugs
- Robust PVC hose
- Good transfer rates

Diameter: 8 mm
Wire: 2 x 2.5mm², Pro Plus-2c plug
15m, black
Available upon request in 4c

GK-411 Roxtone XLR cable

Standard Microphone cable on roll
- Robust PVC hose
- Effective shielding
- Good transfer rates

Diameter: 6.5 mm
Wire: 2 x 0.34 mm²
30m, black

GK-421 Roxtone 2c Speaker cable

Pro Plus 2C on roll
- Robust PVC hose
- Good transfer rates

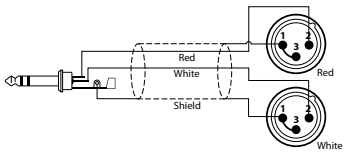
Diameter: 6 mm
Wire: 2 x 1.3 mm²
30 m, black
Available upon request in 4c

GK-423 Roxtone 4c Speaker cable

Pro Plus 4C on roll
- Robust PVC hose
- Good transfer rates

Diameter: 10.5 mm²
Wire: 4 x 1.5 mm²
30 m, black

AH-001 Adaptor 2 XLR-M / 1 Audio 3.5 mm, 1.5 m



Adaptor 2 XLR
- Male / 1 Audio 3.5 mm Stereo jack
- 1,5 mm
- black

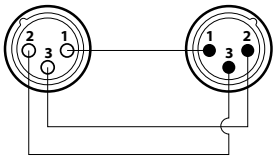
AH-006 Adaptor XLR-FM / XLR-FM

Adaptor XLR-Female / XLR-Female
- solid metal adaptor
- XLR Female to XLR Female
- lockable

AH-007 Adaptor XLR-M / XLR-M

Adaptor XLR-Male / XLR-Male
- solid metal adaptor
- XLR Male to XLR Male

AH-008 XLR Polarity changer



Changes polarity of Pin 2 and 3
- solid metal adapter
- XLR Male to XLR Female
- lockable

GK-009 Adaptor XLR-FM / stereo jack 6.3 mm

Solid metal adapter
- XLR Female to Stereo jack 6.3 mm
- lockable

GK-010 Adaptor XLR-M / stereo jack 6.3 mm

Solid metal adapter
- XLR Male to Stereo jack 6.3 mm
- lockable

GK-011 Adaptor XLR-FM / stereo jack plug 6.3 mm

Solid metal adapter
- XLR Female to Stereo jack connector 6.3 mm
- lockable

GK-012 Adaptor stereo jack / stereo jack 6.3 mm

Solid metal adapter
- Stereo jack connector 6.3 mm to Stereo jack connector 6.3 mm
- lockable

CT-630 XLR Adaptor, 2XLR-M / 2XLR-FM, Xylon

Universal XLR Adaptor
2 XLR-M - 2XLR-FM
- You always have the right connection to hand!
- Distributes 1 input signal to up to 3 ouputs
- Approx. 200 m length
- Black cable
- Neutrik connectors 2 x XLR Male and 2 x XLR Female, 3-pin

Packaging: Chess-Tools headercard

16 stageboxes

AH-050 Stagebox 8/0, 10m

15 m Multicore
8 in 0 Distribution box in handy trapezoid housing
Cable diameter: 13 mm
Size (WxDxH) 140 x 130 x 80 mm

AH-055 Stagebox 8/0, 15m

15 m Multicore
8 in 0 Distribution box in handy trapezoid housing
Cable diameter: 13 mm
Size (WxDxH) 140 x 130 x 80 mm

AH-057 Stagebox 16/4, 15 m

AH-062 Stagebox 16/4, 30 m

30 m Multicore
with wire rope strain relief
20 Channels (16 in, 4 returns)
Cable diameter: 20.2 mm
Size (WxDxH) 335 x 180 x 75 mm

AH-063 Stagebox 24/8, 30 m

AH-068 Stagebox 24/8, 50 m

50 m Multicore
with wire rope strain relief
32 Channels (24 in, 8 returns)
Cable diameter: 20.2 mm
Size (WxDxH) 385 x 180 x 75 mm

AH-067 Stagebox 16/4, 50 m

50 m Multicore
with wire rope strain relief
20 Channels (16 in, 4 returns)
Cable diameter: 20.2 mm
Size (WxDxH) 335 x 180 x 75 mm

AH-069 Stagebox 32/8, 50 m

50 m Multicore
with wire rope strain relief
40 Channels (32 in, 8 returns)
Cable diameter: 23.2 mm
Size (WxDxH) 460 x 180 x 75 mm

AH-090 Stagebox cable drum, 16/4, 30 m

AH-091 Stagebox cable drum, 16/4, 50 m

Stagebox mounted on cable drum
incl. 4 rolls
20 Channels: 16 In, 4 Returns
50 m Multicore
Size (WxDxH) 545 x 490 / 620 x 390 mm

AH-092 Stagebox cable drum, 24/8, 50 m

Stagebox mounted on cable drum
incl. 4 rolls
32 Channels: 24 In, 8 Returns
50 m Multicore
with wire rope strain relief
Size (WxDxH) 545 x 490 / 620 x 390 mm

Stagebox cable drum, 32/8, 50 m

Stagebox mounted on cable drum
incl. 4 rolls (100mm)
40 Channels: 32 In, 8 Returns
50 m Multicore
with wire rope strain relief
Size (WxDxH) 550 x 620 x 420 mm

Foto: Mäding Veranstaltungstechnik

17 DI-Boxes & Mixer

GK-801 LEEM Direct DI-BOX passiv-mono

Universal DI Box passiv, mono
- Frequency response: 10 Hz-25 KHz
- noise level: (22 Hz-22 KHz, Input Shortet) -100 dBu
- THD+N (10Hz-22KHz): 0,01%typ @1V RMS, 1 KHz
- input: 1 x 1/4“ jack 6.3mm, unbalanced
  1 x XLR, balanced or unbalanced
- output: 1 x XLR, balanced
- link output: 1 x 1/4“ jack 6.3 mm, unbalanced
- pad switch: 0 dB, -20 dB, -40 dB
- sizes: 158 x 100 x 50 mm
- weight: 0,4 kg

GK-802 LEEM Direct DI-Box passiv-stereo

Universal DI box passiv, stereo
- frequency response: 10Hz-25KHz
- noise level: (22Hz-22KHz, Input Shortet) -100dBu
- THD+N (10Hz-22KHz): 0,01%typ @1V RMS, 1KHz
- input: 2 x 1/4“ jack 6.3 mm, unbalanced
- output: 2 x XLR, balanced
- link output: 2 x 1/4“ jack 6.3 mm, unbalanced
- pad switch: 0 dB, -20 dB, -40 dB (2x)
- sizes: 158x100x50mm
- weight: 0.4 kg

GK-803 LEEM Hot Direct DI-Box active mono

Universal DI Box aktiv, mono
- frequency response: 20Hz-20KHz
- noise level: (22Hz-22KHz, Input Shortet) -100dBu
- THD+N (10Hz-22KHz): 0,01%typ @1V RMS, 1KHz
- max. input level (1% THD): +6dbu
- input: 1 x 1/4“ jack 6.3 mm, unbalanced
- output: 1 x XLR, balanced
- link output: 1 x 1/4“ jack 6.3mm, unbalanced
- pad switch: 0dB, -20dB, -40dB
- ground lift
- sizes: 158 x 100 x 50 mm
- weight: 0.4 kg

GK-804 LEEM DI-BOX „Phantom“

DI Box with pantom power
- frequency response:10Hz-20KHz
- noise level: (22Hz-22KHz, Input Shortet) -100dBu
- THD+N (10Hz-22KHz): 0,013%typ @1V RMS, 1KHz
- max. input level (1% THD): +6dbu
- input: 2 x XLR, balanced
- output: 2 x XLR, balanced
- phantom power select switch: 12v/48V
- sizes: 158 x 100 x 50 mm
- weight: 0.4 kg

CT-610 The Smart DI Box

The new smart DI comes with a microcontroller with integrated LCD display. Compared to other DI boxes this transformerless smart DI reduces both clicks and simiar distortions.
- No more clicks during set up or during use. The unused XLR out is switched off when no cable is plugged in. XLR out will be switched on 0.8 seconds after cable is plugged in.
- Accessory footswitch (not supplied) allows the muting of the XLR out at any time
- Bargraph display of in and out signals helps to set an exact output signal level
- Input impedance is switcheable between 500 k-Ohm and 2 M-Ohm to handle low and high impedance sources
- Works on either 48V phantom power or external 12V DC power supply
- 5 dip switches allow toggling of switch mode, display and input

Specifications:
Power supply: 48V phantom power or 12V DC
Frequency response: 19Hz - 21 kHz (0 dB / - 3 dB)
Max. input level: + 8 dBu
Max. output level: + 8 dBu
S/N ratio, input connected: - 65 dBu
Max. signal amplification: + 7 dB
Attenuation when „Mute“ active: - 42 dBu
Case construction: 1,5mm steel, 118 x 125 x 58 mm

GK-821 LEEM Minimixe with 5 Channels

5-Channel Mini Mixer
- frequenzy range: 20Hz-20KHz
- noise level: (22KHz, Input Shortet) -90dBu
- THD+N (10Hz-22KHz): 0,013%typ @1V RMS, 1KHz
- input: 1 x XLR balanced, 2 x 1/4“ jack 6.3 mm unbalanced, stereo cinch unbalanced
- output: 1 x 1/4“ jack 6.3mm, stereo cinch unbalanced
- max. input level: -14 dbu
- sizes: 158 x 100 x 50 mm
- weight: 0.4 kg

GK-823 LEEM Mixer HMB-24 with 8 Channels

8-Channel Mixer
- 4 Mic & 4 line inputs
- 2 stereo inputs
- 2-frequenzy channel EQ
- low-noise mic preamp
- 2 aux sends- stereo aux return to monitor
- 8-segment LED display
- +48V phantom power

GK-831 MIC TEC Microphone M1

High quality dynamic vocal microphone with switch
- low price class / high performance
- smooth and sensitive sound characteristic
- double Shock Mount System
- neodymium magnet
- frequency range 50 hz-18 khz
- low impedance
- weight 324 g, includes clamp & cable

GK-832 MIC TEC Microphone M2

High quality dynamic vocal microphone with switch
- very feedback resistent
- low price class / high performance
- smooth and sensitive sound characteristic
- double Shock Mount System
- neodymium magnet
- frequency range 50hz-18 khz
- low impedance
- weight 365 g, includes clamp & cable

GK-834 LEEM DM-7S Drummer Microphoneset

7-pcs. microphone set for drummer
in sturdy aluminium case
includes:
1 x bassdrum microphone
4 x tom/snare microphone
2 x overhead microphone (condenser)
Includes also: 7 holder, 4 special rim attachments,
2 windscreens for the condenser microphones

GK-810 Catfish Pop Blocker

Pop blocker for fitting on microphone stands
for the effective reduction of „plopp“ and other noises

GK-813 5 Wind Screens, large

Assortment of 5 wind screens, large
- suitable for all standard
microphones (Shure SM 58 f.e.)

GK-470 Catfish Microphone brace MH-12

Indestructible brace for Microphones
- black rubber
- very elastically
- suitable for microphones with
max. 28.5 mm diameter
- delivery without Adaptor screw

GK-465 Catfish Microphone brace MH-6

Indestructible brace for Microphones
- black rubber
- very elastically
- suitable for microphones with
max. 25 mm diameter
- delivery without Adaptor screw

GK-464 Catfish Adaptor Screw

5/8“ to 3/8“ reduction
- suitable for all standard microphone-stands

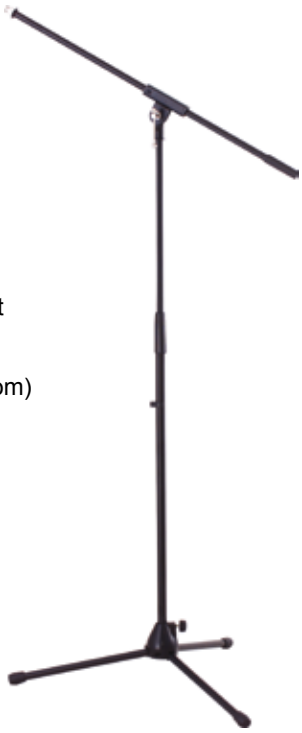
DIXON
MUSIC STANDS

Since many years this brand is recongnized for stands in highest quality.
The products are characterized by its high-class finish combined with high stability and long life-time.
Our range contains several microphone stands and sheet music stands.
Upon request we can supply drum seats and instrument stands made by Dixon.

Foto: Mäding Veranstaltungstechnik

19 music stands

GK-051 Dixon microphone tripod, black



Sturdy microphone boom stand
- Black
- Collapsible Aluminium base with joint
- Surface protective clamping fixture
- Metall tension muffle
- Height: 990 to 1690 mm (without boom)
- Boom length: 765 mm

GK-052 Dixon microphone table tripod, black

Table microphone stand
- Black
- Flat round die-case plate
- Metal tension muffle
- Height: 300 to 450 mm (without boom)
- Weight: 1.2 kg

GK-053 Dixon microphone tripod, short version, black

Short microphone boom stand
- Black
- Collapsible Aluminium base with joint
- Surface protective clamping fixture
- Metall tension muffle
- Height: 300 to 450 mm (without boom)
- Boom length: 400 mm

GK-054 Dixon microphone plate stand, black

Microphone stand without boom
- Black
- Flat round die-case plate
- Metal tension muffle
- Height: 860 to 1550 mm (without boom)
- Weight: 3 kg

GK-055 Dixon music stand, black

Sturdy sheet music stand, black
- Double extendable
- Braced, foldable tripod stand
- Fixing clip for sheet music
- Ergonomic butterfly srews
- Adjustable viewing angel with joint
- Height: 800 to 1300 mm
- Board: 225 to 440 mm
- Tripod width: 600 mm max.

GK-099 Catfish concert music stand, perforated plate

Sheet music stand „Catfish“
- Perforated board
- Black
- Individual height setting
- Non-slip and safe stand
- Board approx: 500 x 430 mm

ToolPack®

TOOL ORGANIZERS

ToolPack® ToolPack Tool-Organizers®

The organizer system: **ToolPack® ToolPack Tool-Organizers®** are light, but extremely resistable. The revolutionary new pouch concept brings order into your tools collection, brings your tools out on the road, helps storing and is even helpful from ergonomically points of view and keeps you healthy

CT-050 Tool Pouch With Belt

Tool pouch with belt: Have your tools always at hand.
Pouch with 8 pockets
Made from 600D Polyester
Large reinforced main compartment
Adjustable belt
Size: (HxWxD): 300 x 200 x 100 mm
Packing: Toolpack header card

CT-051 Reflective Stream Single Pouch Tool Belt

Quality 600D polyester single-pouch tool belt in combination with bright fluo-colored webbing and reflective stripes for ultimate visibility and extra safety
- Heavy duty stitching with metal rivets at stress points
- Metal rivets for maximum durability
- 8 various storage options for different sizes of hand tools
- Adjustable waist belt with ABS buckle, fits sizes until 135 cm

Size: (HxWxD): 300 x 200 x 100 mm
Packing: Toolpack header card

CT-054 Fizz Neoprene universal Smartphone Pouch

Strong and flexible quality neoprene universal phone holder for the ultimate protection
of mobile smart phones on the job, in the office or at home
- Fits almost all models like : IPhone, Galaxy, HTC, Nokia, Ericson, Blackberry, etc...
- Heavy duty stitching and bar tacking at key stress points
- Long front cover with strong Velcro closure
- One-touch quick release Velcro loop at the back for attachment to belt

Size: (HxWxD): 140 x 80 x 30 mm
Packing: Toolpack header card

CT-055 Universal Pouch With Belt Clip

Universal pouch with belt clip
Perfect for knives or other small tools
Pouch with one pocket
Made from 600D Polyester
Reinforced loop for attachement to a working belt
Additional metal belt clip on back
With pen holder loop
Size: (HxWxD): 220 x 80 x 40 cm
Packing: Toolpack card

CT-056 Beltpack Pouch With Belt Clip

Pouch with 3 pockets. Perferctly suitable for beltpacks
Made from 600D Polyester
Metal belt clip on back
With pen holder loop
Size: (HxWxD): 140 x 110 x 50 mm
Packing: Toolpack card

CT-057 Craft Tool Pouch With Zip

High Quality 1680D polyester multi-purpose zipper belt pouch, especially designed for storage and protection of small tools, stationery, phones, camera's and accessories
- Heavy duty stitching and bar tacking at all stress points
- 4 various storage options including one zipper-compartment and front webbing cover with strong velcro closure
- One-touch velcro-closure loop at the back for attachment to belt
- Full colored Hanging-Card

Size: (HxWxD): 170 x 110 x 70 mm
Packing: Toolpack hanging card

CT-058 Tool Pouch With Carabiner Snap Hook

Tool pouch with carabiner snap hook
Pouch with 3 pockets
Two zipped pouches plus one mesh webbing pouchg
Made from 600D Polyesterr
Metal belt clip on back
Supplied with additional carabiner snap hook
Size: (HxWxD): 190 x 110 x 60 mm
Packing: Toolpack card

CT-059 Tool Carrying Bag

Tool carrying bag with 24 pockets
Keeps your tools always to hand
Zipped main compartment
Made from 600D Polyester
Robust rubber bottom
Supplied with padded shoulder strap
Size: (HxWxD): 400 x 310 x 220 mm
Packing: Toolpack hang tag

CT-060 Tool Backpack

Tool backpack with 23 pockets
Keeps your tools always to hand
4 zipped main compartmentsr
Robust rubber bottom
Supplied with padded shoulder stras
Size: (HxBxT): 370 x 430 x 70 mm
Packing: Toolpack hang tag

elysee®

... passt immer

+ New + New +

Work Wear of Elysee, the craftsman label in the industrial safety.

Softshell jackets, waistcoat, parka, work trousers, safety shoes u.v.m.

- **high-quality processes**
- **different colours**
- **strainable**
- **modern optics**
- **all usual sizes**
- **ingenious price/performance relation**

FM-001 Elysee Softshell Jacket „Alpha“

Outer material 96% polyester softshell, 4% Elasthan, 3-layer laminate
Seam insert 100% Polyester Oxford, Sizes XS-XXXXL
Colour black/black, Material wind, waterproof and breathable because of 3-layer laminate
- all zips waterproof
- robust softshell material high abraising resistant
- comfortable to wear due to the soft fleece inside of jacket
- reflex material in the front - adjustable hem and sleeve hem
- 2 hem and sleeve hem worked with oxford material inserts
- chin guard - elaborate interior finishing - adjustable collar edge
pockets:
- 1 breast pocket with zip - 2 more patch pockets in the front
- 2 hip pockets on the side with zip - 1 inner pocket for mp3-player
- 2 inner pockets in the lining - 1 mobile phone pocket in the lining

FM-002 Elysee Softshell Jacket „Beta“

Outer material 96% polyester softshell, 4% Elasthan, 3-layer laminate
Seam insert 100% Polyester Oxford, Sizes XS-XXXXL
Colour grey/black, Material wind, waterproof and breathable because of 3-layer laminate
- all zips waterproof
- robust softshell material high abraising resistant
- comfortable to wear due to the soft fleece inside of jacket
- reflex material in the front - adjustable hem and sleeve hem
- 2 hem and sleeve hem worked with oxford material inserts
- chin guard - elaborate interior finishing - adjustable collar edge
pockets:
- 1 breast pocket with zip - 2 more patch pockets in the front
- 2 hip pockets on the side with zip - 1 inner pocket for mp3-player
- 2 inner pockets in the lining - 1 mobile phone pocket in the lining

FM-003 Elysee Softshell Jacket „Gamma“

Outer material 96% polyester softshell, 4% Elasthan, 3-layer laminate
Seam insert 100% Polyester Oxford, Sizes XS-XXXXL
Colour black/blue, Material wind, waterproof and breathable because of 3-layer laminate
- all zips waterproof
- robust softshell material high abraising resistant
- comfortable to wear due to the soft fleece inside of jacket
- reflex material in the front - adjustable hem and sleeve hem
- 2 hem and sleeve hem worked with oxford material inserts
- chin guard - elaborate interior finishing - adjustable collar edge
pockets:
- 1 breast pocket with zip - 2 more patch pockets in the front
- 2 hip pockets on the side with zip - 1 inner pocket for mp3-player
- 2 inner pockets in the lining - 1 mobile phone pocket in the lining

FM-980 Elysee Man`s Softshell Jacket with Hood „ZETA“

Outer material 96% polyester softshell, 4% Elasthan, 3-layer laminate
Breathability 3000 g/m²/24h, Water column 6000 mm
Lining 100% polyester, Sizes S-XXXXL, Colour black/red
Softshell material is wind- and waterproof as well as breathable by 3-layer laminate
- waterproof zips - softshell material is flexible and high abrasion-proof - comfortable to wear by fleece inside - detachable hood with face protection - zip underlap set off with red - zip end with chin protection - smooth, contrast coloured insert at the cuffs for comfortable width adjustment - elasticated cord in the seam with stoppers - extensive processing of the inside
pockets:
- 2 sidewise hip pockets with zip - 1 sleeve pocket with contrast coloured zip - 1 inside pocket for mp3-player - 2 inside pockets in the lining - 1 mobile phone pocket in the lining

FM-960 Elysee Ladies Softshell Jacket with Hood „JANA“

Upper material 96% polyester softshell,
4% Elasthan, 3-layer laminate
Breathability 3,000 g/m²/24h, Water column 6,000 mm
Lining 100% polyester, Sizes 36-44, Colour black
Softshell material is wind- and waterproof as well as breathable by 3-layer laminate - waterproof zips - softshell material is flexible and high abrasion-proof - comfortable to wear by fleece inside - detachable hood with face protection - zip underlap set off with red - zip end with chin protection - smooth, contrast coloured insert at the cuffs for comfortable width adjustment - elasticated cord in the seam with stoppers - extensive processing of the inside pockets:
- 2 sidewise hip pockets with zip - 1 sleeve pocket with contrast coloured zip - 1 inside pocket for mp3-player - 2 inside pockets in the lining - 1 mobile phone pocket in the lining

FM-021 Elysee Softshell Parka „JUPITER“

Outer material 100% Polyester Rip-Stop Softshell
Padding 100% Polyester, Breathability 1.000 g/m²/24h
Water column 5.000 mm, Sizes S-XXXL
Colour black/set off with grey
- the material is breathable, wind- and water-proof
- hard-wearing and abrasion-proof rip-stop fabric
- detachable hood, ergonomically formed, adjustable; lined with fleece
- high collar to protect from the weather
- concealed 2-way YKK front zip with flap
- padded quilted taffeta lining in body and arms
- detachable fly brake in the lining
- knitted wrist at the sleeves, additional adjustable by Velcro®
- easy emblem fitting by zip in the lining
pockets:
- 2 breast pockets - 2 2-way hip pockets
- 1 mobile phone pocket in the lining - 1 breast inside pocket

FM-890 Elysee Softshell Waistcoat „HEN“

Outer material 96% Polyester softshell, 4% Elasthan, 3-layer laminate seam insert 100% Polyester Oxford, Sizes S-XXXL
Colour black
airtight and highly respiration-active material because of 3-layer laminate
- comfortable to wear due to the soft fleece inside
- reflex material in the front and in the back
- seam with adjustable width - chin protection - 2 side pockets
- 1 breast pocket - 2 indside pockets - reinforced seam

FM-932 Canvas Waistband Trousers „BLACK ROCK“

Outer material 65% Polyester
35% cotton approx. 320 g/m²
Sizes 24-30/44-64/90-110
Colour black
- robust Canvas fabric: water, oil and dirt reflecting due to high quality coating
- CORDURA®-inserts at the knees and pocket flaps provide a long durability
- abraising and tear resistant
- high freedom of movement by a very good fit
- comfortable textile grip, very good wearing comfort
- convincing pocket combination
- pockets:
- 2 patched side pockets
- 2 spike pockets with reinforcements, can be placed into patched side pockets or can be unzipped
- 2 hip pockets with pocket flap
- 1 thigh pocket with pocket combintion
- 1 thigh pocket and double folding rule and with reinforced pen pocket
- height adjustable knee cushion pocket
- velcros and concealed buttons prevent scratching

FM-952 TWILL knee breeches „ERLANGEN“

Upper material 65% polyester
35% cotton, approx. 290 g/m²
Sizes 46-64
Colour black/black
- comfortable to wear, tearproof twill fabric with water repellent coating
- very good, fashionable fit
- fly with YKK zip
- reinforcing borders at knees and pocket flaps ensure a long life
- fashionable design
- additional reflecting stripes for a better visibility

pockets:
- 2 deep side pockets
- 2 back pockets, 1 with flap
- 1 folding rule pocket
- 1 fitted pocket at the leg with f lap and mobile phone pocket

FM-322 Elysee Winter Softshell Cap „WOLFGANG“

Outer material 96% Polyester,
4% Elasthan, 3-layer laminate
Size universal
Colour black/navy blue
- the material is breathable, wind- and water-proof by 3-layer laminate
- elasticated and abrasion-proof material
- comfortable to wear by fleece inside
- threepart top
- ear flaps
- visor with embroidered intermediate piece (sandwich-peak)
- elastic band in the back

FM-330 Elysee Noble Troyer „HUMMEL“

Material 70% shearing wool
30% Polyacryl
Colour navy blue
Sizes S-XXL
- original Hamburg Troyer
- extremely good wearing comfort
- double collar
- concealed zipp
- double sleeve cuffs

FM-328 Pullover „NAVY“

Material 100% Polyacryl
Colour navy blue
Sizes S-XXXL
- shoulder and arm trimmings
- 1 breast pocket with flap

FM-432 Elysee Safety Laced Boots „GROSSETO“

Colour black, set off with blue,
Shoe width 11, Sizes 39-47
This range of elysee® TOP-LINE shoes stands out due to: - EN ISO 20345 S3
- upper made of rich tanned nubuck leather
- sewn, padded dust tongue
- ULTRARESPIRO® rear heel lining
- wear-resistant uppers made from STARK
- fastening by plastic eyelets - attracting help at the heel
- removable, anatomic foot bed - antistatic, antibacterial insole
- plastic cap and pierce-resistant fabric midsole FLEX-SYSTEM
- antistatic, oil and acid-resistant, anti-slip PU-TPU sole
- ergonomically formed, padded collar - width 11

FM-431 Elysee Safety Shoes „LIVORNO“

Colour black, set off with blue
Shoe width 11, Sizes 39-47
This range of elysee® TOP-LINE shoes stands out due to: - EN ISO 20345 S3
- upper made of rich tanned nubuck leather
- sewn, padded dust tongue - ULTRARESPIRO® rear heel lining
- wear-resistant uppers made from STARK
- fastening by plastic eyelets - attracting help at the heel
- removable, anatomic foot bed - antistatic, antibacterial insole
- plastic cap and pierce-resistant fabric midsole FLEX-SYSTEM
- antistatic, oil and acid-resistant, anti-slip PU-TPU sole
- ergonomically formed, padded collar - width 11

FM-427 Eloysee Laced Boots „PERITO“

Colour black, set off with silver
Shoe width 11, Weight Size 42 approx. 575 g
Sizes 39-47, This new, sportive elysee® collection of shoes stands out due to: - EN ISO 20345 S3 SRC
- upper from water-repellent suede with microfibre
- ergonomically formed, padded collar
- sewn, padded dust tongue - reflecting material on the upper
- fastening by textile loops and eyelets - attracting help at the heel
- detachable, anatomic foot bed
- aluminum cap and pierce-resistant fabric midsole
- accredited according to BGR 191
- antistatic, oil and acid-resistant, anti-slip 2-layer ESOLIGHT® PU/PU sole
- width 11 - light grey sole, not chalking

FM-425 Elysee Shoes „SANZA“

Colour black, set off with silver
Shoe width 11, Weight Size 42 approx. 520 g
Sizes 39-47, This new, sportive elysee® collection of shoes stands out due to: - EN ISO 20345 S3 SRC
- upper from water-repellent suede with microfibre
- ergonomically formed, padded collar
- sewn, padded dust tongue - reflecting material on the upper
- fastening by textile loops and eyelets - attracting help at the heel
- detachable, anatomic foot bed
- aluminum cap and pierce-resistant fabric midsole
- accredited according to BGR 191 - antistatic, oil and acid-resistant, anti-slip 2-layer ESOLIGHT® PU/PU sole
- width 11 - light grey sole, not chalking

FM-320 Fleece Coat

Upper material 100% polyester,
micro flees, fiited with Antipilling
Weight approx. 300 g/m²
Sizes S-XXXL
Colour black/grey
- breathable material
- plastic zip
- CRAFTLAND embossing at the collar
- elasticated sleeve cuffs
- elasticated border cuff

pockets:
- 2 hip pockets at the side with zip
- 1 breast pocket with zip

FM-750 Sweatshirt, black

FM-752 Sweatshirt, white

FM-754 Sweatshirt, red

FM-757 Sweatshirt, blue

FM-759 Sweatshirt, grey

Upper material 100% polyester, micro flees, fiited with Antipilling
Weight approx. 300 g/m², Sizes S-XXXL
Colour black / white / red / blue / grey
- breathable material - plastic zip
- CRAFTLAND embossing at the collar - elasticated sleeve cuffs
- elasticated border cuff

pockets: - 2 hip pockets at the side with zip
- 1 breast pocket with zip

21 work wear / supplement

FM-701 T-shirt, black

FM-702 T-shirt, white

FM-704 T-shirt, red

FM-707 T-shirt, blue

FM-709 T-shirt, grey

Material 100% cotton (Pique), does not shrink
Weight approx. 180g/m²
Sizes S-XXXL
Colour black / white / red / blue/ grey

FM-729 Polo Shirt, black

FM-722 Polo Shirt, white

FM-724 Polo Shirt, red

FM-727 Polo Shirt, blue

FM-728 Polo Shirt, grey

Material 100% cotton (Pique), does not shrink
Weight approx. 220g/m²
Sizes S-XXXL
Colour black / white / red / blue/ grey

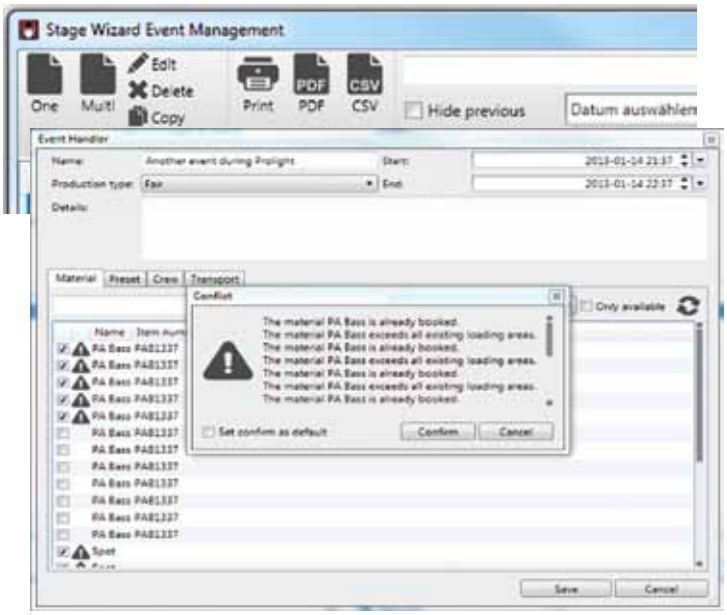
Foto: Mäding Veranstaltungstechnik

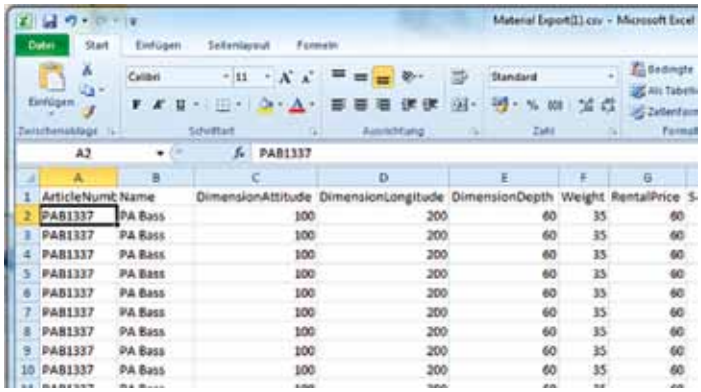
CT-912 Stage Wizard Event Management Software

STAGE WIZARD

Stage Wizard by Chess-Tools!
Our aim is it to make event management easier. Stage Wizard keeps track of your events no matter whether you are a rental company, on the road or if you own or run a venue
Stage Wizard was developed by event technicians and event managers. Their efforts have resulted in a practical software package for rental companies, on the road technicians and venue managers
Stage Wizard is available for Windows and Mac. Mobile access to your data via smartphones and tablets isalso possible.
More information at

www.stagewizard.net





Tools on Stage

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